

Written in  
NZ for NZ

# Number Knowledge



# Mathematics Student Workbook

## Book 8



Name: \_\_\_\_\_ Class: \_\_\_\_\_

Author: A. W. Stark



Written in  
NZ for NZ

# Number Knowledge



## Mathematics Student Write-On Workbook

Book 8



Name: \_\_\_\_\_

Class: \_\_\_\_\_

Author: A. W. Stark



NKH8

Author: A. W. Stark

Copyright ©2005

**AWS Publications Ltd**

First Published November 2005

Formatting and publishing by  
Andrew Stark

(formerly **AWS Teacher Resources**)

P O Box 21-304

Edgware

CHRISTCHURCH 8030

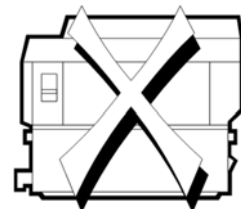
NEW ZEALAND

☎ (03) 338 0516 or 📠 (03) 338 0514

e-mail: [aws.resources@xtra.co.nz](mailto:aws.resources@xtra.co.nz)



No part of this Number Knowledge Student Workbook can be reproduced or photocopied by any means, or stored on a retrieval system or transmitted in any form or by any means without the written permission of the author.





**Note from the author:**

About this resource ...

**Number Knowledge Student Workbook - Book 8  
(Code: NKH8)**

is one of a series of 8 resources written to support the **NUMERACY PROJECT** currently being implemented within many New Zealand schools. Within each resource in this series, the **NUMBER KNOWLEDGE FACTS** are systematically and methodically introduced, providing students with the 'building blocks' required to progress through the various **NUMBER STRATEGY STAGES**.

These resources have been compiled using the **Achievement Objectives** from the appropriate **NUMBER** and **ALGEBRA STRANDS** as stated in the document ....

*Mathematics in the New Zealand Curriculum*

and information from the various resources of the ...

*Numeracy Professional Development Project*

... involving the **Strategy Stages** as listed below.

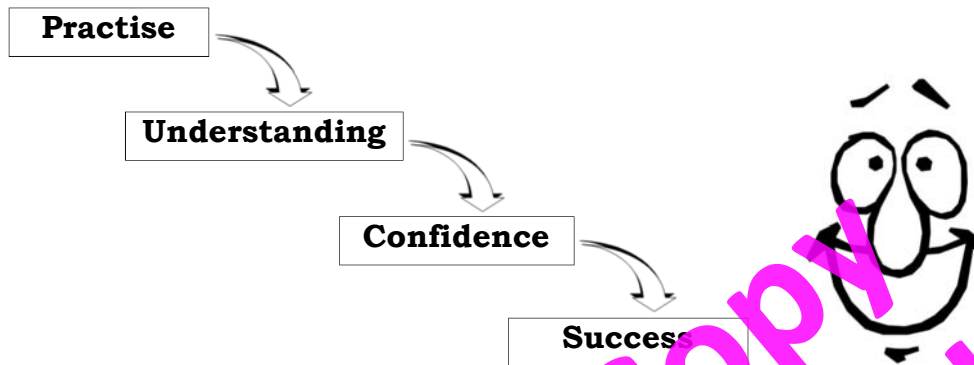
Completion Record Table - Write in the date when each sheet has been completed.

Sheet Number	Date Completed	Sheet Number	Date Completed	Sheet Number	Date Completed	Sheet Number	Date Completed
1		11		21		31	
2		12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

## Note to Students:

I am sure you would love not to have to do homework. However, we will only get better at many things we do or learn, if we practise. I am sure you have heard the old saying 'practice makes perfect'.

In class you are shown and taught lots of new ideas. The reason for doing your homework is to practise what you have been taught in class. If you can do it on your own at home, or maybe with a little help from someone at home, then it shows you have remembered what you were shown in class.



No-one can make you learn. Your teachers, parents / caregivers and friends can help, but at the end of the day it's up to you. You do not have to always get it right, as long as you have tried to do the very best you can. Remember to ask for help if you do not understand or if you are not sure of what you have to do.

This resource has been written to help make doing your homework easier for both you and your teacher.

Good luck.

## Note to Parents / Caregivers:

You may not have found mathematics easy when you were at school nor do you have to be good at it. All you have to do is encourage your son / daughter to do the very best he / she can. We cannot ask more from our children, than they are able to give. Try to be realistic with your own expectations of how well you think they should be doing at school.

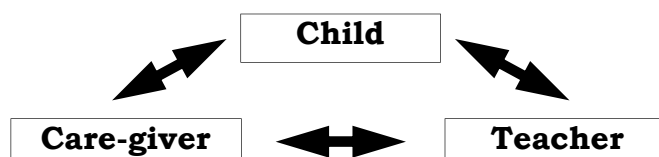
To help your son / daughter, here are some ideas ...

- Provide a place where they can work quietly without too many distractions. Background music is okay, but television is too distracting because of the pictures.
- Provide them with the equipment they need.
- Help them work out when is the best time to do their homework, encouraging them to establish routines. Remember they do need some time off to enjoy themselves, so do not expect them to work all the time.
- Give them plenty of encouragement and praise. Look at their work and sign each page when completed.

Our children need our support and encouragement if they are to do well. If your son / daughter is having a lot of trouble understanding the work, it may be a good idea to contact their teacher to talk about the best way you can help.

Good luck.

## Successful learning requires teamwork.



# How to use this resource - Book 8

The purpose of this resource is for students to either develop or revise the numeracy facts learnt in previous years and utilize these facts quickly and accurately to solve a range of problems.



There are 40 activity sheets in this resource. The worksheets are divided into 2 groups of 20 and gradually get more difficult. Below is a summary of what is contained within each group of worksheets.

The information below has been included so that parents / care-givers can understand what is the aim of each activity, therefore are able to help.

## Worksheets 1 to 20

Worksheet Activity	Teaching Ideas										
A	<ul style="list-style-type: none"> <li>In this activity, pupils are to determine how a sequence of numbers was created, complete the sequence and describe how it was created. <i>Example: 3, __, __, 33, 43, __, __, 73, __, __, 103</i> Starting at 3, skip counting in 10's.</li> </ul>										
B	<ul style="list-style-type: none"> <li>In this activity, pupils improve their recall of numbers and develop mental arithmetic skills as they write the numbers that come <b>before</b> and <b>after</b> a given number skip counting in 2's, 3's, 4's, 5's, 6's, 7's, 8's, 9's or 10's.</li> </ul>										
C	<ul style="list-style-type: none"> <li>In this activity, pupils are to round 4 digit numbers to the nearest 10, 100 or 1000 as required.</li> </ul>										
D	<ul style="list-style-type: none"> <li>Questions 1 to 8 involve adding two 3 digit numbers involving carrying on the first 2 digits, with appropriate subtraction combinations and questions rearranged to allow pupils to develop alternative strategies when solving. <i>Example: <math>347 + 486 = 833</math>, <math>615 - 197 = 418</math>, <math>627 + 148 = 845</math>, <math>926 - 770 = 156</math>, etc.</i></li> <li>Questions 9 &amp; 10 are word problems, involving adding and subtracting.</li> <li>Questions 11 &amp; 12, a 3 x 3 number matrix is use to enable pupils to utilise any strategy skill they know to solve these problems as quickly as possible. The matrix offers the option of adding across or down, combining numbers that add to a multiple of 10, 100 or 1000 or any other grouping.</li> </ul> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr> <td>15</td> <td>1300</td> <td>6</td> </tr> <tr> <td>400</td> <td>5</td> <td>70</td> </tr> <tr> <td>20</td> <td>180</td> <td>700</td> </tr> </table> <ul style="list-style-type: none"> <li>Encourage pupils to talk about how they added up the numbers and compare methods used.</li> </ul>	15	1300	6	400	5	70	20	180	700	
15	1300	6									
400	5	70									
20	180	700									
E	<ul style="list-style-type: none"> <li>In this activity, questions 1 to 8 revise all multiplication facts for 2's to 10's.</li> <li>In questions 9 to 12, the multiplication facts have been rearranged to allow pupils to develop alternative strategies when solving. <i>Example: <math>6 \times 2 = 12</math>, <math>10 \times 3 = 30</math></i></li> <li>Question 13 is a word problem involving multiplication.</li> <li>Questions 14 to 21 revise the division facts for 2's to 10's.</li> <li>For questions 22 to 25, the division facts have been rearranged to allow pupils to develop alternative strategies when solving. <i>Example: <math>12 \div 2 = 6</math>, <math>25 \div 5 = 5</math>, etc.</i></li> <li>In question 26, pupils are to shade in a fraction of the shape.</li> <li>In question 27, pupils are to state what fraction of a group of shapes has been shaded and simplify the fraction if possible.</li> <li>Question 28 is a word problem involving division / sharing money.</li> </ul>										
F	<ul style="list-style-type: none"> <li>In this activity, pupils are to utilize the multiplication and division facts to solve problems involving large numbers, plus a word problem involving either multiplication or division. Encourage pupils to use rounding skills to mentally check sensibility of their answers.</li> </ul> <p><i>Example:</i></p> <table style="display: inline-table; margin-right: 20px;"> <tr> <td style="text-align: right;">157</td> <td></td> </tr> <tr> <td style="text-align: right;">x 3</td> <td></td> </tr> <tr> <td style="text-align: right;">471</td> <td></td> </tr> </table> <table style="display: inline-table; margin-right: 20px;"> <tr> <td style="text-align: right;">587</td> <td></td> </tr> <tr> <td style="text-align: right;">3 ) 1761</td> <td></td> </tr> </table> <p style="text-align: right;"><i>Check sensibility of answers by rounding</i> <math>160 \times 3 = 480</math>, <math>1800 \div 3 = 60</math></p>	157		x 3		471		587		3 ) 1761	
157											
x 3											
471											
587											
3 ) 1761											

# Worksheets 21 to 40

## Worksheet Activity

## Teaching Ideas

A

- In this activity, pupils are to determine how a sequence of numbers was created, complete the sequence and describe how it was created.  
*Example: 3, \_\_, \_\_, 21, 27, \_\_, \_\_, \_\_, 51, \_\_, \_\_, 69* Starting at 3, **skip** counting in 6's.

B

- In this activity, pupils improve their recall of numbers and develop mental arithmetic skills as they write the numbers that come **before** and **after** a given number skip counting in 2's, 3's, 4's, 5's, 6's, 7's, 8's, 9's or 10's.

C

- In this activity, pupils are to round 4 digit numbers to the nearest 10, 100 or 1000 as required.

D

- Questions 1 to 8 involve adding two 3 digit numbers involving carrying on the all 3 digits, with appropriate subtraction combinations and questions rearranged to allow pupils to develop alternative strategies when solving.  
*Example:  $278 + 962 = 1240$ ,  $1340 - 362 = 978$ ,  $896 + 374 = 1270$ ,  $1554 - 897 = 657$ , etc.*
- Questions 9 & 10 are word problems, involving adding and subtracting.
- Questions 11 & 12, a 3 x 3 number matrix is use to enable pupils to utilise any strategy skills they know to solve these problems as quickly as possible. The matrix offers the option of adding across or down, combining numbers that add to a multiple of 10, 100 or 1000 or any other grouping.

*Example:*

91	5	120
36	1970	34
38	5	102

$5 + 5 = 10$   
 $4 + 36 = 40$   
 $1970 + 30 = 2000$   
 $38 + 102 = 140$   
 $120 + 91 = 211$   
 $10 + 40 + 2000 + 140 + 211 = 2401$

- Encourage pupils to talk about how they added up the numbers and compare methods used.

E

- In this activity, questions 1 to 8 revise all multiplication facts for 2's to 10's. The 2, 3, 4 & 5 multiplication facts are written as 20's, 30's, 40's & 50's.  
*Example:  $20 \times 6 = 120$ ,  $5 \times 50 = 250$ ,  $7 \times 10 = 70$ , etc.*
- In questions 9 to 12, the multiplication facts have been rearranged to allow pupils to develop alternative strategies when solving.  
*Example:  $6 \times 20 = 120$ ,  $50 \times 3 = 150$ , etc.*
- Question 13 is a word problem involving multiplication.
- Questions 14 to 21 revise the division facts for 2's to 10's.
- For questions 22 to 25, the division facts have been rearranged to allow pupils to develop alternative strategies when solving.  
*Example:  $12 \div 2 = 6$ ,  $25 \div 5 = 5$ , etc.*
- Question 26 is a word problem involving division / sharing money.
- In questions 27 to 28, pupils utilize division skills as they find a fraction of a money total.  
*Example: Find  $\frac{1}{2}$  of \$500, Find  $\frac{3}{4}$  of \$600, etc.*

F

- In questions 1 to 4 of this activity, pupils are to utilize the multiplication and division facts to solve problems involving large numbers. Encourage pupils to use rounding skills to mentally check sensibility of the answers.

*Example:*

679	
x 3	
2037	

439	
6 ) 2634	

Check sensibility of answers by rounding  
 $700 \times 3 = 2100$ ,  $3000 \div 6 = 500$

- In questions 5 to 7, everyday items are priced and pupils are to work out the total of buying several items or the unit price when given the cost of several.

*Example: How much would it cost to buy 4 cell phones?  
 How many computers could you buy with \$5000  
 and how much money will you have left?*



\$325



\$1560



# Number Knowledge Worksheet

1

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

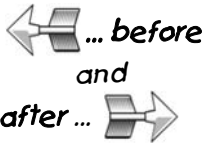
**A** Write in the missing numbers for this number sequence, then describe how it was created.

3, 13, \_\_\_\_\_, 33, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 83, \_\_\_\_\_, \_\_\_\_\_, 113



**B** Skip counting in 5's, write the number that comes

- \_\_\_\_\_ 35 \_\_\_\_\_
- \_\_\_\_\_ 60 \_\_\_\_\_
- \_\_\_\_\_ 49 \_\_\_\_\_
- \_\_\_\_\_ 87 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 2829  $\Rightarrow$  \_\_\_\_\_
- 3243  $\Rightarrow$  \_\_\_\_\_
- 5578  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 4573  $\Rightarrow$  \_\_\_\_\_
- 1345  $\Rightarrow$  \_\_\_\_\_
- 8389  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 3781  $\Rightarrow$  \_\_\_\_\_
- 937  $\Rightarrow$  \_\_\_\_\_
- 7545  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 347 + 486 = \_\_\_\_\_
- 258 + 669 = \_\_\_\_\_
- \_\_\_\_\_ + 148 = 845
- 157 + \_\_\_\_\_ = 954
- 615 - 197 = \_\_\_\_\_
- 821 - 547 = \_\_\_\_\_
- \_\_\_\_\_ - 355 = 368
- 926 - \_\_\_\_\_ = 156

9. If you have \$547 and are given \$394, how much money do you now have?



10. If you have \$662 and spend \$287, how much money do you have left?



**E** Multiply and divide these numbers

- 3 x 6 = \_\_\_\_\_
  - 3 x 2 = \_\_\_\_\_
  - 5 x 5 = \_\_\_\_\_
  - 4 x 1 = \_\_\_\_\_
  - 7 x 2 = \_\_\_\_\_
  - 9 x 6 = \_\_\_\_\_
  - 4 x 9 = \_\_\_\_\_
  - 8 x 7 = \_\_\_\_\_
  - \_\_\_\_\_ x 2 = 12
  - 4 x \_\_\_\_\_ = 20
  - 7 x \_\_\_\_\_ = 28
  - \_\_\_\_\_ x 9 = 45
13. If you buy 3 books at \$80 each, how much would it cost?



Add up the numbers in each matrix.



11.	15	1300	6	12.	500	4	160
	400	5	70		9	30	2500
	20	180	700		100	11	40
			Total				Total

**F** Multiplying and dividing large numbers.

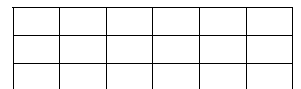
- 157 x 3 = \_\_\_\_\_
- 418 x 5 = \_\_\_\_\_
- 709 x 4 = \_\_\_\_\_
- 635 x 6 = \_\_\_\_\_
- 3 ) 1761
- 5 ) 2185
- 4 ) 1544
- 6 ) 3414

9. If one car costs \$14500, how much would it cost to buy 3 cars at the same price?

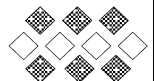


- \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_
- 15  $\div$  3 = \_\_\_\_\_
  - 18  $\div$  2 = \_\_\_\_\_
  - 5  $\div$  5 = \_\_\_\_\_
  - 12  $\div$  4 = \_\_\_\_\_
  - 56  $\div$  7 = \_\_\_\_\_
  - 36  $\div$  6 = \_\_\_\_\_
  - 63  $\div$  9 = \_\_\_\_\_
  - 80  $\div$  8 = \_\_\_\_\_
  - \_\_\_\_\_  $\div$  2 = 6
  - 20  $\div$  \_\_\_\_\_ = 5
  - 49  $\div$  \_\_\_\_\_ = 7
  - \_\_\_\_\_  $\div$  9 = 10

26. Colour in  $\frac{2}{3}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$360 is shared by 4 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



2, 5, \_\_\_\_\_, \_\_\_\_\_, 14, \_\_\_\_\_, 20, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 35

**B** Skip counting in 10s, write the number that comes ... before and after ...

1.	_____	60	_____
2.	_____	110	_____
3.	_____	55	_____
4.	_____	86	_____

**C** Round these numbers to the nearest 10, 100 or 1000.  
Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10	Round to nearest 100	Round to nearest 1000
1. 3237 $\Rightarrow$ _____	4. 4738 $\Rightarrow$ _____	7. 3549 $\Rightarrow$ _____
2. 4062 $\Rightarrow$ _____	5. 9192 $\Rightarrow$ _____	8. 7392 $\Rightarrow$ _____
3. 7673 $\Rightarrow$ _____	6. 2615 $\Rightarrow$ _____	9. 9665 $\Rightarrow$ _____

**D** Add or subtract these numbers.

- $537 + 395 =$  \_\_\_\_\_
- $268 + 548 =$  \_\_\_\_\_
- \_\_\_\_\_ + 168 = 963
- $163 +$  \_\_\_\_\_ = 532
- $604 - 326 =$  \_\_\_\_\_
- $753 - 268 =$  \_\_\_\_\_
- \_\_\_\_\_ - 653 = 159
- $942 -$  \_\_\_\_\_ = 567

- If you have \$326 and are given \$498, how much money do you now have? \_\_\_\_\_
- If you have \$681 and spend \$295, how much money do you have left? \_\_\_\_\_

Add up the numbers in each matrix.

50	7	700	
200	160	13	
40	5	1800	
			Total

500	5	130	
70	2100	8	
20	12	900	
			Total

**F** Multiplying and dividing large numbers.

- |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. $826 \times 3$       | 2. $590 \times 5$       | 3. $361 \times 4$       | 4. $402 \times 6$       |
| 5. $3 \overline{)1095}$ | 6. $5 \overline{)2645}$ | 7. $4 \overline{)1096}$ | 8. $6 \overline{)2838}$ |

9. If 4 cars all the same price cost \$76800, how much would one car cost?

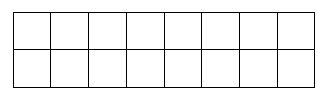


**E** Multiply and divide these numbers

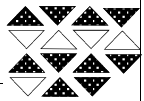
- |                           |                           |
|---------------------------|---------------------------|
| 1. $3 \times 5 =$ _____   | 2. $9 \times 2 =$ _____   |
| 3. $1 \times 5 =$ _____   | 4. $4 \times 3 =$ _____   |
| 5. $7 \times 8 =$ _____   | 6. $6 \times 6 =$ _____   |
| 7. $7 \times 9 =$ _____   | 8. $8 \times 10 =$ _____  |
| 9. _____ $\times 3 = 21$  | 10. $5 \times$ _____ = 25 |
| 11. $6 \times$ _____ = 48 | 12. _____ $\times 8 = 16$ |
13. If you buy 70 books at \$4 each, how much would it cost? \_\_\_\_\_
- \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

- |                         |                         |
|-------------------------|-------------------------|
| 14. $3 \div 3 =$ _____  | 15. $12 \div 2 =$ _____ |
| 16. $45 \div 5 =$ _____ | 17. $20 \div 4 =$ _____ |
| 18. $49 \div 7 =$ _____ | 19. $18 \div 6 =$ _____ |
| 20. $90 \div 9 =$ _____ | 21. $32 \div 8 =$ _____ |
| 22. _____ $\div 3 = 9$  | 23. $10 \div$ _____ = 2 |
| 24. $30 \div$ _____ = 5 | 25. _____ $\div 8 = 9$  |

26. Colour in  $\frac{3}{4}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$480 is shared by 6 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_







# Number Knowledge Worksheet

3

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

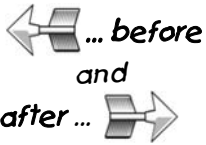
**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, 7, \_\_\_\_\_, \_\_\_\_\_, 19, \_\_\_\_\_, \_\_\_\_\_, 31, \_\_\_\_\_, \_\_\_\_\_, 43, \_\_\_\_\_

**B** Skip counting in 3's, write the number that comes

- \_\_\_\_\_ 21 \_\_\_\_\_
- \_\_\_\_\_ 33 \_\_\_\_\_
- \_\_\_\_\_ 47 \_\_\_\_\_
- \_\_\_\_\_ 79 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 6633 $\Rightarrow$ _____ | 4. 4367 $\Rightarrow$ _____ | 7. 4367 $\Rightarrow$ _____ |
| 2. 2387 $\Rightarrow$ _____ | 5. 2823 $\Rightarrow$ _____ | 8. 2771 $\Rightarrow$ _____ |
| 3. 1852 $\Rightarrow$ _____ | 6. 3750 $\Rightarrow$ _____ | 9. 1268 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- 268 + 293 = \_\_\_\_\_
- 587 + 396 = \_\_\_\_\_
- \_\_\_\_\_ + 459 = 821
- 158 + \_\_\_\_\_ = 834
- 864 - 394 = \_\_\_\_\_
- 914 - 638 = \_\_\_\_\_
- \_\_\_\_\_ - 184 = 397
- 726 - \_\_\_\_\_ = 138

9. If you have \$564 and are given \$377, how much money do you now have?



\_\_\_\_\_ = \_\_\_\_\_

10. If you have \$630 and spend \$397, how much money do you have left?



\_\_\_\_\_ = \_\_\_\_\_

Add up the numbers in each matrix.



11.	1400	90	38	12.	50	8	30
	2	300	210		33	300	2600
	50	600	7		400	150	7
			Total				Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 284 \\ \times 3 \\ \hline \end{array}$$
- $$\begin{array}{r} 397 \\ \times 5 \\ \hline \end{array}$$
- $$\begin{array}{r} 628 \\ \times 4 \\ \hline \end{array}$$
- $$\begin{array}{r} 481 \\ \times 6 \\ \hline \end{array}$$
- $$3 \overline{) 1476}$$
- $$5 \overline{) 4080}$$
- $$4 \overline{) 2360}$$
- $$6 \overline{) 1686}$$

9. If one car costs \$18700, how much would it cost to buy 5 cars at the same price?



**E** Multiply and divide these numbers

- 3 x 1 = \_\_\_\_\_
- 6 x 2 = \_\_\_\_\_
- 9 x 5 = \_\_\_\_\_
- 4 x 5 = \_\_\_\_\_
- 7 x 7 = \_\_\_\_\_
- 3 x 6 = \_\_\_\_\_
- 10 x 9 = \_\_\_\_\_
- 8 x 4 = \_\_\_\_\_
- \_\_\_\_\_ x 2 = 10
- 4 x \_\_\_\_\_ = 28
- 7 x \_\_\_\_\_ = 14
- \_\_\_\_\_ x 9 = 54

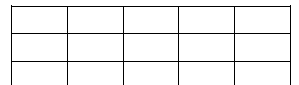
13. If you buy 5 books at \$80 each, how much would it cost?

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

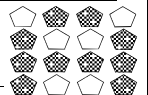


- 9  $\div$  3 = \_\_\_\_\_
- 2  $\div$  2 = \_\_\_\_\_
- 20  $\div$  5 = \_\_\_\_\_
- 36  $\div$  4 = \_\_\_\_\_
- 70  $\div$  7 = \_\_\_\_\_
- 30  $\div$  6 = \_\_\_\_\_
- 72  $\div$  9 = \_\_\_\_\_
- 16  $\div$  8 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  4 = 6
- 2  $\div$  \_\_\_\_\_ = 1
- 18  $\div$  \_\_\_\_\_ = 2
- \_\_\_\_\_  $\div$  7 = 4

26. Colour in  $\frac{3}{5}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$270 is shared by 3 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

4

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, 9, \_\_\_\_\_, \_\_\_\_\_, 24, \_\_\_\_\_, \_\_\_\_\_, 39, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 59

**B** Skip counting in 4's, write the number that comes

1. \_\_\_\_\_ 20 \_\_\_\_\_

2. \_\_\_\_\_ 32 \_\_\_\_\_



... before and after ...

3. \_\_\_\_\_ 57 \_\_\_\_\_

4. \_\_\_\_\_ 69 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 2163  $\Rightarrow$  \_\_\_\_\_

2. 1629  $\Rightarrow$  \_\_\_\_\_

3. 3445  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 3879  $\Rightarrow$  \_\_\_\_\_

5. 7221  $\Rightarrow$  \_\_\_\_\_

6. 4772  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 4658  $\Rightarrow$  \_\_\_\_\_

8. 5734  $\Rightarrow$  \_\_\_\_\_

9. 4584  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $264 + 389 =$  \_\_\_\_\_

2.  $487 + 449 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 573 = 862

4.  $193 +$  \_\_\_\_\_ = 951

5.  $635 - 296 =$  \_\_\_\_\_

6.  $762 - 448 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 147 = 569

8.  $985 -$  \_\_\_\_\_ = 499

9. If you have \$496 and are given \$365, how much money do you now have?



10. If you have \$824 and spend \$558, how much money do you have left?



**E** Multiply and divide these numbers

1.  $3 \times 3 =$  \_\_\_\_\_

2.  $1 \times 2 =$  \_\_\_\_\_

3.  $4 \times 5 =$  \_\_\_\_\_

4.  $4 \times 7 =$  \_\_\_\_\_

5.  $7 \times 10 =$  \_\_\_\_\_

6.  $5 \times 6 =$  \_\_\_\_\_

7.  $8 \times 9 =$  \_\_\_\_\_

8.  $8 \times 2 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 3 = 12$

10.  $5 \times$  \_\_\_\_\_ = 10

11.  $6 \times$  \_\_\_\_\_ = 42

12. \_\_\_\_\_  $\times 8 = 48$

13. If you buy 40 books at \$6 each, how much would it cost?



Add up the numbers in each matrix.



6	1200	34	
50	7	500	
800	40	250	
			Total

60	2100	38	
900	7	10	
2	140	500	
			Total

**F** Multiplying and dividing large numbers.

1.  $536 \times 3$

2.  $613 \times 5$

3.  $950 \times 4$

4.  $379 \times 6$

5.  $3 \overline{)1854}$

6.  $5 \overline{)3460}$

7.  $4 \overline{)3660}$

8.  $6 \overline{)3162}$

9. If 3 cars all the same price cost \$49200, how much would one car cost?



14.  $27 \div 3 =$  \_\_\_\_\_

15.  $10 \div 2 =$  \_\_\_\_\_

16.  $15 \div 5 =$  \_\_\_\_\_

17.  $24 \div 4 =$  \_\_\_\_\_

18.  $28 \div 7 =$  \_\_\_\_\_

19.  $6 \div 6 =$  \_\_\_\_\_

20.  $18 \div 9 =$  \_\_\_\_\_

21.  $64 \div 8 =$  \_\_\_\_\_

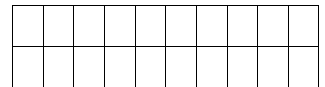
22. \_\_\_\_\_  $\div 5 = 4$

23.  $21 \div$  \_\_\_\_\_ = 7

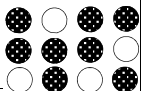
24.  $40 \div$  \_\_\_\_\_ = 5

25. \_\_\_\_\_  $\div 6 = 6$

26. Colour in  $\frac{7}{10}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$450 is shared by 5 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

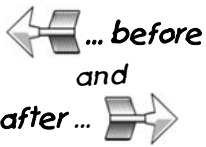
**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 33, \_\_\_\_\_, \_\_\_\_\_, 51, \_\_\_\_\_, \_\_\_\_\_, 69

**B** Skip counting in 7's, write the number that comes

- \_\_\_\_\_ 21 \_\_\_\_\_
- \_\_\_\_\_ 42 \_\_\_\_\_
- \_\_\_\_\_ 68 \_\_\_\_\_
- \_\_\_\_\_ 99 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 3736 $\Rightarrow$ _____ | 4. 3621 $\Rightarrow$ _____ | 7. 7628 $\Rightarrow$ _____ |
| 2. 2174 $\Rightarrow$ _____ | 5. 8456 $\Rightarrow$ _____ | 8. 2354 $\Rightarrow$ _____ |
| 3. 5649 $\Rightarrow$ _____ | 6. 1274 $\Rightarrow$ _____ | 9. 1565 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- $564 + 287 =$  \_\_\_\_\_
- $395 + 519 =$  \_\_\_\_\_
- \_\_\_\_\_ + 149 = 628
- $296 +$  \_\_\_\_\_ = 683
- $833 - 468 =$  \_\_\_\_\_
- $972 - 696 =$  \_\_\_\_\_
- \_\_\_\_\_ - 184 = 679
- $945 -$  \_\_\_\_\_ = 175

9. If you have \$287 and are given \$548, how much money do you now have?



= \_\_\_\_\_

10. If you have \$635 and spend \$286, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	90	700	24	12.	700	120	5
	6	310	1200		80	4	1000
	800	3	30		600	25	60
			Total				Total

**F** Multiplying and dividing large numbers.

- $613 \times 3$
- $356 \times 5$
- $204 \times 4$
- $157 \times 6$
- $3 \overline{) 1476}$
- $5 \overline{) 3815}$
- $4 \overline{) 2568}$
- $6 \overline{) 2364}$

9. If one car costs \$23100, how much would it cost to buy 4 cars at the same price?



**E** Multiply and divide these numbers

- $3 \times 9 =$  \_\_\_\_\_
- $5 \times 2 =$  \_\_\_\_\_
- $3 \times 5 =$  \_\_\_\_\_
- $4 \times 6 =$  \_\_\_\_\_
- $7 \times 4 =$  \_\_\_\_\_
- $\quad \times 6 =$  \_\_\_\_\_
- $2 \times 9 =$  \_\_\_\_\_
- $8 \times 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 2 = 16$
- $4 \times \quad = 32$
- $7 \times \quad = 63$
- \_\_\_\_\_  $\times 9 = 90$

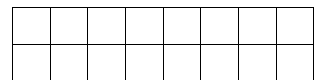
13. If you buy 7 books at \$50 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

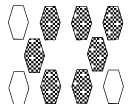


- $18 \div 3 =$  \_\_\_\_\_
- $6 \div 2 =$  \_\_\_\_\_
- $25 \div 5 =$  \_\_\_\_\_
- $4 \div 4 =$  \_\_\_\_\_
- $14 \div 7 =$  \_\_\_\_\_
- $54 \div 6 =$  \_\_\_\_\_
- $36 \div 9 =$  \_\_\_\_\_
- $56 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 2 = 8$
- $8 \div \quad = 2$
- $63 \div \quad = 9$
- \_\_\_\_\_  $\div 9 = 1$

26. Colour in  $\frac{5}{8}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$360 is shared by 6 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 38, \_\_\_\_\_, \_\_\_\_\_, 59, \_\_\_\_\_, \_\_\_\_\_, 80

**B** Skip counting in 6's, write the number that comes

1. \_\_\_\_\_ 24 \_\_\_\_\_

2. \_\_\_\_\_ 48 \_\_\_\_\_



3. \_\_\_\_\_ 73 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 86 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 7164  $\Rightarrow$  \_\_\_\_\_

2. 2756  $\Rightarrow$  \_\_\_\_\_

3. 3442  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 7428  $\Rightarrow$  \_\_\_\_\_

5. 2354  $\Rightarrow$  \_\_\_\_\_

6. 1565  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 3718  $\Rightarrow$  \_\_\_\_\_

8. 2345  $\Rightarrow$  \_\_\_\_\_

9. 2632  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $273 + 158 =$  \_\_\_\_\_

2.  $156 + 467 =$  \_\_\_\_\_

3. \_\_\_\_\_  $+ 582 = 961$

4.  $722 +$  \_\_\_\_\_  $= 246$

5.  $923 - 359 =$  \_\_\_\_\_

6.  $861 - 584 =$  \_\_\_\_\_

7. \_\_\_\_\_  $- 186 = 759$

8.  $523 -$  \_\_\_\_\_  $= 136$

9. If you have \$795 and are given \$147, how much money do you now have?



10. If you have \$573 and spend \$296, how much money do you have left?



**E** Multiply and divide these numbers

1.  $3 \times 7 =$  \_\_\_\_\_

2.  $8 \times 2 =$  \_\_\_\_\_

3.  $6 \times 5 =$  \_\_\_\_\_

4.  $4 \times 3 =$  \_\_\_\_\_

5.  $7 \times 9 =$  \_\_\_\_\_

6.  $10 \times 6 =$  \_\_\_\_\_

7.  $1 \times 9 =$  \_\_\_\_\_

8.  $8 \times 6 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 3 = 6$

10.  $5 \times$  \_\_\_\_\_  $= 40$

11.  $6 \times$  \_\_\_\_\_  $= 24$

12. \_\_\_\_\_  $\times 8 = 80$

13. If you buy 40 books at \$8 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_

14.  $24 \div 3 =$  \_\_\_\_\_

15.  $4 \div 2 =$  \_\_\_\_\_

16.  $50 \div 5 =$  \_\_\_\_\_

17.  $16 \div 4 =$  \_\_\_\_\_

18.  $21 \div 7 =$  \_\_\_\_\_

19.  $42 \div 6 =$  \_\_\_\_\_

20.  $81 \div 9 =$  \_\_\_\_\_

21.  $40 \div 8 =$  \_\_\_\_\_

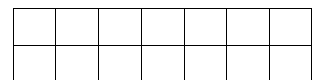
22. \_\_\_\_\_  $\div 3 = 2$

23.  $35 \div$  \_\_\_\_\_  $= 7$

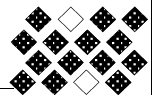
24.  $54 \div$  \_\_\_\_\_  $= 9$

25. \_\_\_\_\_  $\div 8 = 1$

26. Colour in  $\frac{5}{7}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$560 is shared by 7 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_



Add up the numbers in each matrix.



50	640	7	
200	23	150	
60	1430	6	
			Total

6	1260	30	
800	60	24	
7	320	140	
			Total

**F** Multiplying and dividing large numbers.

1.  $184 \times 3$       2.  $268 \times 5$       3.  $517 \times 4$       4.  $631 \times 6$

5.  $3 \overline{) 1125}$       6.  $5 \overline{) 4075}$       7.  $4 \overline{) 1548}$       8.  $6 \overline{) 4086}$

9. If 5 cars all the same price cost \$104500, how much would one car cost?





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

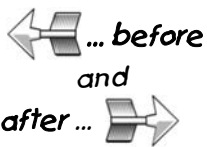
**A** Write in the missing numbers for this number sequence, then describe how it was created.



2, 11, \_\_\_\_\_, 29, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 65, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 101

**B** Skip counting in 8's, write the number that comes

- \_\_\_\_\_ 32 \_\_\_\_\_
- \_\_\_\_\_ 48 \_\_\_\_\_
- \_\_\_\_\_ 81 \_\_\_\_\_
- \_\_\_\_\_ 96 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 9289 $\Rightarrow$ _____ | 4. 4283 $\Rightarrow$ _____ | 7. 1567 $\Rightarrow$ _____ |
| 2. 6713 $\Rightarrow$ _____ | 5. 7321 $\Rightarrow$ _____ | 8. 3412 $\Rightarrow$ _____ |
| 3. 3535 $\Rightarrow$ _____ | 6. 3675 $\Rightarrow$ _____ | 9. 3875 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- $472 + 179 =$  \_\_\_\_\_
- $238 + 574 =$  \_\_\_\_\_
- \_\_\_\_\_ + 355 = 741
- $165 +$  \_\_\_\_\_ = 962
- $516 - 239 =$  \_\_\_\_\_
- $938 - 369 =$  \_\_\_\_\_
- \_\_\_\_\_ - 495 = 326
- $843 -$  \_\_\_\_\_ = 185

9. If you have \$673 and are given \$258, how much money do you now have?



= \_\_\_\_\_

10. If you have \$664 and spend \$477, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	140	8	330	12.	7	1450	20
	7	1900	30		600	40	23
	53	70	220		6	320	180
			Total				Total

**F** Multiplying and dividing large numbers.

- $509 \times 3$
- $482 \times 5$
- $739 \times 4$
- $248 \times 6$
- $3 \overline{) 1707}$
- $5 \overline{) 1930}$
- $4 \overline{) 1748}$
- $6 \overline{) 3522}$

9. If one car costs \$17600, how much would it cost to buy 7 cars at the same price?



**E** Multiply and divide these numbers

- $3 \times 8 =$  \_\_\_\_\_
- $2 \times 2 =$  \_\_\_\_\_
- $10 \times 5 =$  \_\_\_\_\_
- $4 \times 4 =$  \_\_\_\_\_
- $7 \times 3 =$  \_\_\_\_\_
- $7 \times 6 =$  \_\_\_\_\_
- $9 \times 9 =$  \_\_\_\_\_
- $8 \times 5 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 2 = 20$
- $4 \times$  \_\_\_\_\_ = 8
- $7 \times$  \_\_\_\_\_ = 49
- \_\_\_\_\_  $\times 9 = 36$

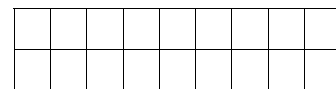
13. If you buy 7 books at \$60 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

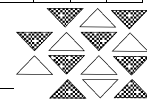


- $6 \div 3 =$  \_\_\_\_\_
- $14 \div 2 =$  \_\_\_\_\_
- $40 \div 5 =$  \_\_\_\_\_
- $40 \div 4 =$  \_\_\_\_\_
- $42 \div 7 =$  \_\_\_\_\_
- $24 \div 6 =$  \_\_\_\_\_
- $27 \div 9 =$  \_\_\_\_\_
- $8 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 4 = 7$
- $20 \div$  \_\_\_\_\_ = 10
- $45 \div$  \_\_\_\_\_ = 5
- \_\_\_\_\_  $\div 7 = 5$

26. Colour in  $\frac{5}{6}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$630 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



5, 13, \_\_\_\_\_, 29, \_\_\_\_\_, \_\_\_\_\_, 53, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 93

**B** Skip counting in 9's, write the number that comes

- \_\_\_\_\_ 36 \_\_\_\_\_
- \_\_\_\_\_ 63 \_\_\_\_\_
- \_\_\_\_\_ 87 \_\_\_\_\_
- \_\_\_\_\_ 95 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 → 2340, 2343 → 2300, 2343 → 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 3621 → _____     | 4. 3436 → _____      | 7. 1827 → _____       |
| 2. 4356 → _____     | 5. 5774 → _____      | 8. 7372 → _____       |
| 3. 3774 → _____     | 6. 6171 → _____      | 9. 2530 → _____       |

**D** Add or subtract these numbers.

- $278 + 362 =$  \_\_\_\_\_
- $449 + 286 =$  \_\_\_\_\_
- \_\_\_\_\_ + 635 = 830
- $576 +$  \_\_\_\_\_ = 924
- $635 - 398 =$  \_\_\_\_\_
- $963 - 494 =$  \_\_\_\_\_
- \_\_\_\_\_ - 537 = 298
- $915 -$  \_\_\_\_\_ = 139

9. If you have \$395 and are given \$478, how much money do you now have?



10. If you have \$751 and spend \$278, how much money do you have left?



Add up the numbers in each matrix.



11.	960	150	36	
	50	4	2100	
	310	30	7	
				Total

12.	40	12	1500	
	630	360	3	
	32	8	540	
				Total

**F** Multiplying and dividing large numbers.

- $709 \times 3$
- $240 \times 5$
- $635 \times 4$
- $286 \times 6$
- $3 \overline{) 1419}$
- $5 \overline{) 3620}$
- $4 \overline{) 2116}$
- $6 \overline{) 2190}$

9. If 6 cars all the same price cost \$94800, how much would one car cost?



**E** Multiply and divide these numbers

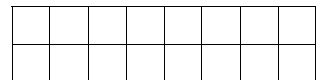
- $3 \times 2 =$  \_\_\_\_\_
- $7 \times 2 =$  \_\_\_\_\_
- $8 \times 5 =$  \_\_\_\_\_
- $4 \times 10 =$  \_\_\_\_\_
- $7 \times 6 =$  \_\_\_\_\_
- $4 \times 6 =$  \_\_\_\_\_
- $3 \times 9 =$  \_\_\_\_\_
- $8 \times 1 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 3 = 30$
- $5 \times$  \_\_\_\_\_ = 20
- $6 \times$  \_\_\_\_\_ = 54
- \_\_\_\_\_  $\times 8 = 64$

13. If you buy 90 books at \$5 each, how much would it cost?

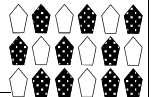


- $12 \div 3 =$  \_\_\_\_\_
- $20 \div 2 =$  \_\_\_\_\_
- $10 \div 5 =$  \_\_\_\_\_
- $28 \div 4 =$  \_\_\_\_\_
- $35 \div 7 =$  \_\_\_\_\_
- $48 \div 6 =$  \_\_\_\_\_
- $45 \div 9 =$  \_\_\_\_\_
- $24 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 5 = 10$
- $3 \div$  \_\_\_\_\_ = 1
- $16 \div$  \_\_\_\_\_ = 2
- \_\_\_\_\_  $\div 6 = 2$

26. Colour in  $\frac{7}{8}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$560 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

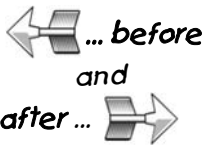
**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, 12, \_\_\_\_\_, \_\_\_\_\_, 39, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 84, \_\_\_\_\_, 102

**B** Skip counting in 5's, write the number that comes

- \_\_\_\_\_ 40 \_\_\_\_\_
- \_\_\_\_\_ 55 \_\_\_\_\_
- \_\_\_\_\_ 73 \_\_\_\_\_
- \_\_\_\_\_ 96 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 3426 $\Rightarrow$ _____ | 4. 8634 $\Rightarrow$ _____ | 7. 6341 $\Rightarrow$ _____ |
| 2. 4749 $\Rightarrow$ _____ | 5. 9467 $\Rightarrow$ _____ | 8. 8977 $\Rightarrow$ _____ |
| 3. 7392 $\Rightarrow$ _____ | 6. 4871 $\Rightarrow$ _____ | 9. 7193 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- $497 + 349 =$  \_\_\_\_\_
- $258 + 683 =$  \_\_\_\_\_
- \_\_\_\_\_ + 148 = 527
- $183 +$  \_\_\_\_\_ = 762
- $816 - 278 =$  \_\_\_\_\_
- $941 - 591 =$  \_\_\_\_\_
- \_\_\_\_\_ - 194 = 497
- $638 -$  \_\_\_\_\_ = 261

9. If you have \$648 and are given \$286, how much money do you now have?



10. If you have \$945 and spend \$659, how much money do you have left?



**E** Multiply and divide these numbers

- $3 \times 4 =$  \_\_\_\_\_
- $10 \times 2 =$  \_\_\_\_\_
- $2 \times 5 =$  \_\_\_\_\_
- $4 \times 7 =$  \_\_\_\_\_
- $7 \times 5 =$  \_\_\_\_\_
- $8 \times 6 =$  \_\_\_\_\_
- $5 \times 9 =$  \_\_\_\_\_
- $8 \times 3 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 2 = 8$
- $4 \times$  \_\_\_\_\_ = 24
- $7 \times$  \_\_\_\_\_ = 21
- \_\_\_\_\_  $\times 9 = 72$
- If you buy 6 books at \$80 each, how much would it cost?



Add up the numbers in each matrix.



11.	7	1200	114	12.	54	630	8
	90	23	820		30	150	810
	5	630	20		70	2400	6
			Total				Total

**F** Multiplying and dividing large numbers.

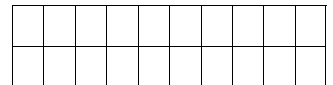
- $793 \times 3$
- $907 \times 5$
- $418 \times 4$
- $590 \times 6$
- $3 \overline{)2436}$
- $5 \overline{)2955}$
- $4 \overline{)3264}$
- $6 \overline{)2952}$

9. If one car costs \$21300, how much would it cost to buy 7 cars at the same price?

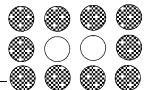


- \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_
- $30 \div 3 =$  \_\_\_\_\_
- $8 \div 2 =$  \_\_\_\_\_
- $35 \div 5 =$  \_\_\_\_\_
- $32 \div 4 =$  \_\_\_\_\_
- $7 \div 7 =$  \_\_\_\_\_
- $12 \div 6 =$  \_\_\_\_\_
- $54 \div 9 =$  \_\_\_\_\_
- $56 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 2 = 4$
- $4 \div$  \_\_\_\_\_ = 1
- $42 \div$  \_\_\_\_\_ = 6
- \_\_\_\_\_  $\div 9 = 7$

26. Colour in  $\frac{9}{10}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$720 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

10

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, 11, \_\_\_\_\_, \_\_\_\_\_, 35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 67, \_\_\_\_\_, \_\_\_\_\_, 91

**B** Skip counting in 7's, write the number that comes

1. \_\_\_\_\_ 35 \_\_\_\_\_

2. \_\_\_\_\_ 63 \_\_\_\_\_



3. \_\_\_\_\_ 84 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 95 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 5262  $\Rightarrow$  \_\_\_\_\_

2. 3429  $\Rightarrow$  \_\_\_\_\_

3. 7153  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 6139  $\Rightarrow$  \_\_\_\_\_

5. 4871  $\Rightarrow$  \_\_\_\_\_

6. 4949  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 9514  $\Rightarrow$  \_\_\_\_\_

8. 7327  $\Rightarrow$  \_\_\_\_\_

9. 4852  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $384 + 269 =$  \_\_\_\_\_

2.  $278 + 448 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 174 = 770

4.  $499 +$  \_\_\_\_\_ = 958

5.  $413 - 185 =$  \_\_\_\_\_

6.  $632 - 476 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 528 = 397

8.  $722 -$  \_\_\_\_\_ = 264

9. If you have \$737 and are given \$197, how much money do you now have?



= \_\_\_\_\_

10. If you have \$516 and spend \$379, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



60	9	1710	
320	140	21	
30	6	500	
			Total

530	8	32	
20	40	2520	
400	7	160	
			Total

**F** Multiplying and dividing large numbers.

1.  $420 \times 3$

2.  $715 \times 5$

3.  $352 \times 4$

4.  $709 \times 6$

5.  $3 \overline{) 1581}$

6.  $5 \overline{) 4575}$

7.  $4 \overline{) 2768}$

8.  $6 \overline{) 3708}$

9. If 7 cars all the same price cost \$171500, how much would one car cost?



**E** Multiply and divide these numbers

1.  $3 \times 10 =$  \_\_\_\_\_

2.  $4 \times 2 =$  \_\_\_\_\_

3.  $7 \times 5 =$  \_\_\_\_\_

4.  $4 \times 8 =$  \_\_\_\_\_

5.  $7 \times 1 =$  \_\_\_\_\_

6.  $2 \times 6 =$  \_\_\_\_\_

7.  $6 \times 9 =$  \_\_\_\_\_

8.  $8 \times 9 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 3 = 3$

10.  $5 \times$  \_\_\_\_\_ = 15

11.  $6 \times$  \_\_\_\_\_ = 36

12. \_\_\_\_\_  $\times 8 = 24$

13. If you buy 70 books at \$7 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

14.  $21 \div 3 =$  \_\_\_\_\_

15.  $16 \div 2 =$  \_\_\_\_\_

16.  $30 \div 5 =$  \_\_\_\_\_

17.  $8 \div 4 =$  \_\_\_\_\_

18.  $63 \div 7 =$  \_\_\_\_\_

19.  $60 \div 6 =$  \_\_\_\_\_

20.  $9 \div 9 =$  \_\_\_\_\_

21.  $48 \div 8 =$  \_\_\_\_\_

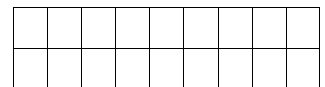
22. \_\_\_\_\_  $\div 3 = 4$

23.  $50 \div$  \_\_\_\_\_ = 10

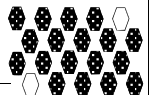
24.  $42 \div$  \_\_\_\_\_ = 7

25. \_\_\_\_\_  $\div 8 = 3$

26. Colour in  $\frac{5}{9}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$630 is shared by 7 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_







# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

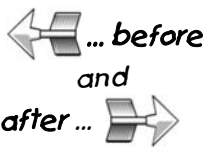
**A** Write in the missing numbers for this number sequence, then describe how it was created.



2, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 17, 20, \_\_\_\_\_, 26, \_\_\_\_\_, \_\_\_\_\_, 35

**B** Skip counting in 4's, write the number that comes

- \_\_\_\_\_ 28 \_\_\_\_\_
- \_\_\_\_\_ 40 \_\_\_\_\_
- \_\_\_\_\_ 65 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 1344 $\Rightarrow$ _____ | 4. 2761 $\Rightarrow$ _____ | 7. 3287 $\Rightarrow$ _____ |
| 2. 4182 $\Rightarrow$ _____ | 5. 7439 $\Rightarrow$ _____ | 8. 9315 $\Rightarrow$ _____ |
| 3. 3626 $\Rightarrow$ _____ | 6. 1693 $\Rightarrow$ _____ | 9. 5757 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- $264 + 389 =$  \_\_\_\_\_
- $487 + 449 =$  \_\_\_\_\_
- \_\_\_\_\_ + 459 = 821
- $158 +$  \_\_\_\_\_ = 834
- $861 - 287 =$  \_\_\_\_\_
- $914 - 519 =$  \_\_\_\_\_
- \_\_\_\_\_ - 168 = 795
- $532 -$  \_\_\_\_\_ = 169

9. If you have \$468 and are given \$357, how much money do you now have?



\_\_\_\_\_ = \_\_\_\_\_

10. If you have \$713 and spend \$487, how much money do you have left?



\_\_\_\_\_ = \_\_\_\_\_

**E** Multiply and divide these numbers

- $3 \times 7 =$  \_\_\_\_\_
- $8 \times 2 =$  \_\_\_\_\_
- $6 \times 5 =$  \_\_\_\_\_
- $4 \times 2 =$  \_\_\_\_\_
- $7 \times 9 =$  \_\_\_\_\_
- $10 \times 6 =$  \_\_\_\_\_
- $1 \times 9 =$  \_\_\_\_\_
- $8 \times 6 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 2 = 4$
- $4 \times$  \_\_\_\_\_ = 12
- $7 \times$  \_\_\_\_\_ = 35
- \_\_\_\_\_  $\times 9 = 18$
- If you buy 4 books at \$25 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_



Add up the numbers in each matrix.



11.	3	1490	60	12.	30	680	41
	370	84	630		220	19	170
	66	7	410		6	1470	61
			Total				Total

**F** Multiplying and dividing large numbers.

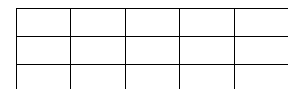
- $517 \times 6$
- $841 \times 7$
- $970 \times 8$
- $536 \times 9$
- $6 \overline{)4290}$
- $7 \overline{)2926}$
- $8 \overline{)4952}$
- $9 \overline{)7236}$

9. If one car costs \$16900, how much would it cost to buy 6 cars at the same price?

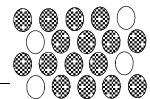


- $24 \div 3 =$  \_\_\_\_\_
- $4 \div 2 =$  \_\_\_\_\_
- $50 \div 5 =$  \_\_\_\_\_
- $24 \div 4 =$  \_\_\_\_\_
- $21 \div 7 =$  \_\_\_\_\_
- $42 \div 6 =$  \_\_\_\_\_
- $81 \div 9 =$  \_\_\_\_\_
- $40 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 4 = 4$
- $14 \div$  \_\_\_\_\_ = 7
- $54 \div$  \_\_\_\_\_ = 6
- \_\_\_\_\_  $\div 7 = 1$

26. Colour in  $\frac{2}{3}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$4900 is shared by 7 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

12

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



2, \_\_\_\_\_, \_\_\_\_\_, 17, 22, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 42, \_\_\_\_\_, \_\_\_\_\_, 57

**B** Skip counting in 7's, write the number that comes

1. \_\_\_\_\_ 35 \_\_\_\_\_

2. \_\_\_\_\_ 56 \_\_\_\_\_



3. \_\_\_\_\_ 82 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 98 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 6749  $\Rightarrow$  \_\_\_\_\_

2. 3483  $\Rightarrow$  \_\_\_\_\_

3. 2921  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 9274  $\Rightarrow$  \_\_\_\_\_

5. 2749  $\Rightarrow$  \_\_\_\_\_

6. 6150  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 7621  $\Rightarrow$  \_\_\_\_\_

8. 3456  $\Rightarrow$  \_\_\_\_\_

9. 1874  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $273 + 158 =$  \_\_\_\_\_

2.  $156 + 467 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 149 = 628

4.  $296 +$  \_\_\_\_\_ = 683

5.  $640 - 362 =$  \_\_\_\_\_

6.  $735 - 286 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 148 = 697

8.  $954 -$  \_\_\_\_\_ = 157

9. If you have \$695 and are given \$238, how much money do you now have?



10. If you have \$743 and spend \$258, how much money do you have left?



Add up the numbers in each matrix.



11.	70	11	230	
	1590	56	4	
	9	480	560	
			Total	

12.	360	90	3	
	40	11	1720	
	7	480	49	
			Total	

**F** Multiplying and dividing large numbers.

1.  $682 \times 6$

2.  $905 \times 7$

3.  $613 \times 8$

4.  $420 \times 9$

5.  $6 \overline{)2568}$

6.  $7 \overline{)6482}$

7.  $8 \overline{)4216}$

8.  $9 \overline{)6435}$

9. If 8 cars all the same price cost \$156000, how much would one car cost?



**E** Multiply and divide these numbers

1.  $3 \times 8 =$  \_\_\_\_\_

2.  $2 \times 2 =$  \_\_\_\_\_

3.  $10 \times 5 =$  \_\_\_\_\_

4.  $4 \times 11 =$  \_\_\_\_\_

5.  $7 \times 3 =$  \_\_\_\_\_

6.  $7 \times 6 =$  \_\_\_\_\_

7.  $9 \times 9 =$  \_\_\_\_\_

8.  $8 \times 5 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 3 = 18$

10.  $5 \times$  \_\_\_\_\_ = 30

11.  $6 \times$  \_\_\_\_\_ = 6

12. \_\_\_\_\_  $\times 8 = 72$

13. If you buy 25 books at \$5 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

14.  $6 \div 3 =$  \_\_\_\_\_

15.  $14 \div 2 =$  \_\_\_\_\_

16.  $40 \div 5 =$  \_\_\_\_\_

17.  $40 \div 4 =$  \_\_\_\_\_

18.  $42 \div 7 =$  \_\_\_\_\_

19.  $24 \div 6 =$  \_\_\_\_\_

20.  $27 \div 9 =$  \_\_\_\_\_

21.  $8 \div 8 =$  \_\_\_\_\_

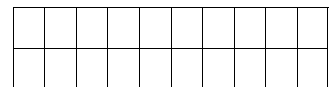
22. \_\_\_\_\_  $\div 5 = 5$

23.  $27 \div$  \_\_\_\_\_ = 9

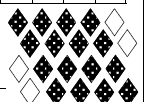
24.  $48 \div$  \_\_\_\_\_ = 6

25. \_\_\_\_\_  $\div 6 = 8$

26. Colour in  $\frac{3}{4}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$4800 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

13

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

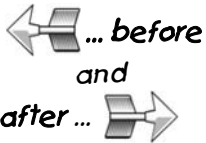
**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, 24, 34, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 84, \_\_\_\_\_, \_\_\_\_\_, 114

**B** Skip counting in 5's, write the number that comes

- \_\_\_\_\_ 45 \_\_\_\_\_
- \_\_\_\_\_ 60 \_\_\_\_\_
- \_\_\_\_\_ 87 \_\_\_\_\_
- \_\_\_\_\_ 98 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 5246  $\Rightarrow$  \_\_\_\_\_
- 3172  $\Rightarrow$  \_\_\_\_\_
- 1955  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 4383  $\Rightarrow$  \_\_\_\_\_
- 1779  $\Rightarrow$  \_\_\_\_\_
- 6846  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 2549  $\Rightarrow$  \_\_\_\_\_
- 1783  $\Rightarrow$  \_\_\_\_\_
- 8455  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- $347 + 486 =$  \_\_\_\_\_
- $258 + 669 =$  \_\_\_\_\_
- \_\_\_\_\_ + 168 = 963
- $163 +$  \_\_\_\_\_ = 532
- $653 - 389 =$  \_\_\_\_\_
- $936 - 449 =$  \_\_\_\_\_
- \_\_\_\_\_ - 149 = 479
- $683 -$  \_\_\_\_\_ = 295

9. If you have \$369 and are given \$582, how much money do you now have?



= \_\_\_\_\_

10. If you have \$642 and spend \$196, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	5	1690	74	12.	790	3	80
	210	36	5		64	370	7
	80	40	160		20	46	240
			Total				Total

**F** Multiplying and dividing large numbers.

- $482 \times 6$
- $739 \times 7$
- $826 \times 8$
- $814 \times 9$
- $6 \overline{)5616}$
- $7 \overline{)5145}$
- $8 \overline{)3504}$
- $9 \overline{)3852}$

9. If one car costs \$23100, how much would it cost to buy 5 cars at the same price?



**E** Multiply and divide these numbers

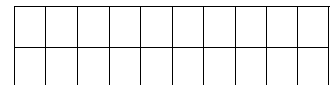
- $3 \times 2 =$  \_\_\_\_\_
- $7 \times 2 =$  \_\_\_\_\_
- $8 \times 5 =$  \_\_\_\_\_
- $4 \times 10 =$  \_\_\_\_\_
- $7 \times 6 =$  \_\_\_\_\_
- $4 \times 6 =$  \_\_\_\_\_
- $3 \times 9 =$  \_\_\_\_\_
- $8 \times 1 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 2 = 2$
- $4 \times$  \_\_\_\_\_ = 4
- $7 \times$  \_\_\_\_\_ = 56
- \_\_\_\_\_  $\times 9 = 63$
- If you buy 6 books at \$25 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

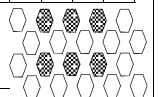


- $12 \div 3 =$  \_\_\_\_\_
- $20 \div 2 =$  \_\_\_\_\_
- $10 \div 5 =$  \_\_\_\_\_
- $28 \div 4 =$  \_\_\_\_\_
- $35 \div 7 =$  \_\_\_\_\_
- $48 \div 6 =$  \_\_\_\_\_
- $45 \div 9 =$  \_\_\_\_\_
- $24 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 2 = 2$
- $36 \div$  \_\_\_\_\_ = 9
- $21 \div$  \_\_\_\_\_ = 3
- \_\_\_\_\_  $\div 9 = 4$

26. Colour in  $\frac{4}{5}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$6500 is shared by 5 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

14

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



2, \_\_\_\_\_, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 30, 34, \_\_\_\_\_, \_\_\_\_\_, 46

**B** Skip counting in 8's, write the number that comes

- \_\_\_\_\_ 48 \_\_\_\_\_
- \_\_\_\_\_ 72 \_\_\_\_\_
- \_\_\_\_\_ 83 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 ⇒ 2340, 2343 ⇒ 2300, 2343 ⇒ 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 2349 ⇒ _____     | 4. 3262 ⇒ _____      | 7. 7627 ⇒ _____       |
| 2. 1783 ⇒ _____     | 5. 3409 ⇒ _____      | 8. 3152 ⇒ _____       |
| 3. 8455 ⇒ _____     | 6. 7153 ⇒ _____      | 9. 1135 ⇒ _____       |

**D** Add or subtract these numbers.

- $537 + 395 =$  \_\_\_\_\_
- $268 + 548 =$  \_\_\_\_\_
- \_\_\_\_\_ + 148 = 845
- $157 +$  \_\_\_\_\_ = 954
- $561 - 293 =$  \_\_\_\_\_
- $983 - 396 =$  \_\_\_\_\_
- \_\_\_\_\_ - 573 = 289
- $951 -$  \_\_\_\_\_ = 193

9. If you have \$647 and are given \$198, how much money do you now have?



10. If you have \$765 and spend \$288, how much money do you have left?



**E** Multiply and divide these numbers

- $3 \times 4 =$  \_\_\_\_\_
- $10 \times 2 =$  \_\_\_\_\_
- $2 \times 5 =$  \_\_\_\_\_
- $4 \times 7 =$  \_\_\_\_\_
- $7 \times 5 =$  \_\_\_\_\_
- $8 \times 6 =$  \_\_\_\_\_
- $5 \times 9 =$  \_\_\_\_\_
- $8 \times 3 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 3 = 9$
- $5 \times$  \_\_\_\_\_ = 5
- $6 \times$  \_\_\_\_\_ = 60
- \_\_\_\_\_  $\times 8 = 40$

13. If you buy 25 books at \$9 each, how much would it cost?



Add up the numbers in each matrix.



6	750	90	
1310	89	41	
50	4	340	
			Total

560	2	70	
90	330	57	
8	83	1510	
			Total

**F** Multiplying and dividing large numbers.

- $635 \times 6$
- $631 \times 7$
- $590 \times 8$
- $937 \times 9$

- $6 \overline{)2886}$
- $7 \overline{)6412}$
- $8 \overline{)6592}$
- $9 \overline{)5751}$

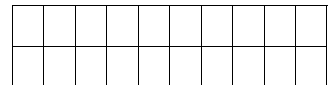
9. If 9 cars all the same price cost \$131400, how much would one car cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

- $30 \div 3 =$  \_\_\_\_\_
- $8 \div 2 =$  \_\_\_\_\_
- $35 \div 5 =$  \_\_\_\_\_
- $32 \div 4 =$  \_\_\_\_\_
- $7 \div 7 =$  \_\_\_\_\_
- $12 \div 6 =$  \_\_\_\_\_
- $54 \div 9 =$  \_\_\_\_\_
- $72 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 3 = 8$
- $15 \div$  \_\_\_\_\_ = 3
- $6 \div$  \_\_\_\_\_ = 1
- \_\_\_\_\_  $\div 8 = 8$

26. Colour in  $\frac{3}{10}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$4800 is shared by 4 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

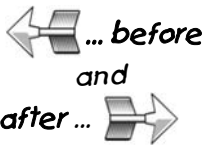
**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 22, \_\_\_\_\_, \_\_\_\_\_, 40, 46, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 70

**B** Skip counting in 9's, write the number that comes

- \_\_\_\_\_ 36 \_\_\_\_\_
- \_\_\_\_\_ 63 \_\_\_\_\_
- \_\_\_\_\_ 85 \_\_\_\_\_
- \_\_\_\_\_ 98 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 2735 $\Rightarrow$ _____ | 4. 5692 $\Rightarrow$ _____ | 7. 3789 $\Rightarrow$ _____ |
| 2. 7441 $\Rightarrow$ _____ | 5. 7235 $\Rightarrow$ _____ | 8. 9315 $\Rightarrow$ _____ |
| 3. 2657 $\Rightarrow$ _____ | 6. 1552 $\Rightarrow$ _____ | 9. 5537 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- $268 + 293 =$  \_\_\_\_\_
- $587 + 396 =$  \_\_\_\_\_
- \_\_\_\_\_ + 573 = 862
- $193 +$  \_\_\_\_\_ = 951
- $932 - 395 =$  \_\_\_\_\_
- $816 - 548 =$  \_\_\_\_\_
- \_\_\_\_\_ - 459 = 362
- $834 -$  \_\_\_\_\_ = 158

9. If you have \$358 and are given \$494, how much money do you now have?



= \_\_\_\_\_

10. If you have \$862 and spend \$579, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	780	5	60	12.	30	40	1770
	94	1570	5		8	860	84
	30	86	320		350	56	2
			Total				Total

**F** Multiplying and dividing large numbers.

- $643 \times 6$
  - $652 \times 7$
  - $402 \times 8$
  - $715 \times 9$
- 
- $6 \overline{)4152}$
  - $7 \overline{)5264}$
  - $8 \overline{)4568}$
  - $9 \overline{)3762}$

9. If one car costs \$21700, how much would it cost to buy 9 cars at the same price?



**E** Multiply and divide these numbers

- $3 \times 10 =$  \_\_\_\_\_
- $4 \times 2 =$  \_\_\_\_\_
- $7 \times 5 =$  \_\_\_\_\_
- $4 \times 8 =$  \_\_\_\_\_
- $7 \times 1 =$  \_\_\_\_\_
- $2 \times 6 =$  \_\_\_\_\_
- $6 \times 9 =$  \_\_\_\_\_
- $8 \times 9 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 2 = 18$
- $4 \times$  \_\_\_\_\_ = 40
- $7 \times$  \_\_\_\_\_ = 42
- \_\_\_\_\_  $\times 9 = 81$

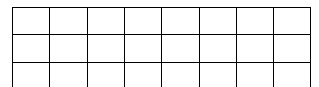
13. If you buy 7 books at \$35 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

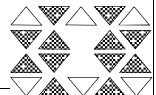


- $21 \div 3 =$  \_\_\_\_\_
- $16 \div 2 =$  \_\_\_\_\_
- $30 \div 5 =$  \_\_\_\_\_
- $8 \div 4 =$  \_\_\_\_\_
- $63 \div 7 =$  \_\_\_\_\_
- $60 \div 6 =$  \_\_\_\_\_
- $9 \div 9 =$  \_\_\_\_\_
- $48 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 4 = 3$
- $6 \div$  \_\_\_\_\_ = 3
- $54 \div$  \_\_\_\_\_ = 6
- \_\_\_\_\_  $\div 7 = 2$

26. Colour in  $\frac{5}{8}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$5400 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 19, \_\_\_\_\_, \_\_\_\_\_, 34, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 54, 59

**B** Skip counting in 3's, write the number that comes

1. \_\_\_\_\_ 27 \_\_\_\_\_

2. \_\_\_\_\_ 42 \_\_\_\_\_



3. \_\_\_\_\_ 58 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 79 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 8634  $\Rightarrow$  \_\_\_\_\_

2. 1467  $\Rightarrow$  \_\_\_\_\_

3. 4871  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 7823  $\Rightarrow$  \_\_\_\_\_

5. 1382  $\Rightarrow$  \_\_\_\_\_

6. 3768  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 7614  $\Rightarrow$  \_\_\_\_\_

8. 9327  $\Rightarrow$  \_\_\_\_\_

9. 2452  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $278 + 362 =$  \_\_\_\_\_

2.  $449 + 286 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 148 = 527

4.  $183 +$  \_\_\_\_\_ = 762

5.  $431 - 158 =$  \_\_\_\_\_

6.  $623 - 467 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 355 = 386

8.  $962 -$  \_\_\_\_\_ = 165

9. If you have \$395 and are given \$476, how much money do you now have?



10. If you have \$971 and spend \$789, how much money do you have left?



**E** Multiply and divide these numbers

1.  $3 \times 9 =$  \_\_\_\_\_

2.  $5 \times 2 =$  \_\_\_\_\_

3.  $3 \times 5 =$  \_\_\_\_\_

4.  $4 \times 6 =$  \_\_\_\_\_

5.  $7 \times 4 =$  \_\_\_\_\_

6.  $1 \times 6 =$  \_\_\_\_\_

7.  $2 \times 9 =$  \_\_\_\_\_

8.  $8 \times 8 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 3 = 24$

10.  $5 \times$  \_\_\_\_\_ = 35

11.  $6 \times$  \_\_\_\_\_ = 18

12. \_\_\_\_\_  $\times 8 = 32$

13. If you buy 45 books at \$8 each, how much would it cost?



Add up the numbers in each matrix.



5	78	440	
1280	30	82	
70	860	5	
			Total

90	640	4	
480	25	20	
6	1360	75	
			Total

**F** Multiplying and dividing large numbers.

1.  $814 \times 6$       2.  $826 \times 7$       3.  $751 \times 8$       4.  $613 \times 9$

5.  $6 \overline{)3438}$       6.  $7 \overline{)5838}$       7.  $8 \overline{)5112}$       8.  $9 \overline{)5661}$

9. If 6 cars all the same price cost \$151800, how much would one car cost?



14.  $9 \div 3 =$  \_\_\_\_\_

15.  $2 \div 2 =$  \_\_\_\_\_

16.  $20 \div 5 =$  \_\_\_\_\_

17.  $36 \div 4 =$  \_\_\_\_\_

18.  $70 \div 7 =$  \_\_\_\_\_

19.  $30 \div 6 =$  \_\_\_\_\_

20.  $72 \div 9 =$  \_\_\_\_\_

21.  $16 \div 8 =$  \_\_\_\_\_

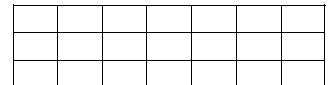
22. \_\_\_\_\_  $\div 5 = 9$

23.  $9 \div$  \_\_\_\_\_ = 3

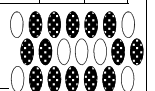
24.  $32 \div$  \_\_\_\_\_ = 4

25. \_\_\_\_\_  $\div 6 = 10$

26. Colour in  $\frac{6}{7}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$4200 is shared by 6 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

17

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

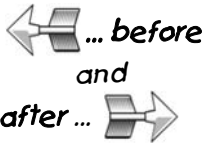
**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 76, 85, \_\_\_\_\_, 103

**B** Skip counting in 6's, write the number that comes

- \_\_\_\_\_ 36 \_\_\_\_\_
- \_\_\_\_\_ 72 \_\_\_\_\_
- \_\_\_\_\_ 89 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 9846  $\Rightarrow$  \_\_\_\_\_
- 3283  $\Rightarrow$  \_\_\_\_\_
- 1995  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 9314  $\Rightarrow$  \_\_\_\_\_
- 3727  $\Rightarrow$  \_\_\_\_\_
- 1492  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 8621  $\Rightarrow$  \_\_\_\_\_
- 7467  $\Rightarrow$  \_\_\_\_\_
- 4871  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 472 + 179 = \_\_\_\_\_
- 238 + 574 = \_\_\_\_\_
- \_\_\_\_\_ + 174 = 770
- 499 + \_\_\_\_\_ = 958
- 653 - 269 = \_\_\_\_\_
- 726 - 448 = \_\_\_\_\_
- \_\_\_\_\_ - 148 = 379
- 762 - \_\_\_\_\_ = 189

9. If you have \$678 and are given \$299, how much money do you now have?



10. If you have \$875 and spend \$496, how much money do you have left?



**E** Multiply and divide these numbers

- 3 x 3 = \_\_\_\_\_
- 1 x 2 = \_\_\_\_\_
- 4 x 5 = \_\_\_\_\_
- 4 x 9 = \_\_\_\_\_
- 7 x 10 = \_\_\_\_\_
- 5 x 6 = \_\_\_\_\_
- 8 x 9 = \_\_\_\_\_
- 8 x 2 = \_\_\_\_\_
- \_\_\_\_\_ x 2 = 6
- 4 x \_\_\_\_\_ = 16
- 7 x \_\_\_\_\_ = 7
- \_\_\_\_\_ x 9 = 27

13. If you buy 4 books at \$75 each, how much would it cost?



Add up the numbers in each matrix.



11.	520	5	62	12.	30	610	52
	30	380	5		1380	68	3
	38	40	1470		460	7	520
			Total				Total

**F** Multiplying and dividing large numbers.

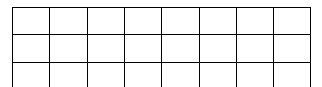
- $$\begin{array}{r} 950 \\ \times 6 \\ \hline \end{array}$$
- $$\begin{array}{r} 824 \\ \times 7 \\ \hline \end{array}$$
- $$\begin{array}{r} 937 \\ \times 8 \\ \hline \end{array}$$
- $$\begin{array}{r} 824 \\ \times 9 \\ \hline \end{array}$$
- $$6 \overline{)5766}$$
- $$7 \overline{)3997}$$
- $$8 \overline{)3848}$$
- $$9 \overline{)6615}$$

9. If one car costs \$18600, how much would it cost to buy 8 cars at the same price?

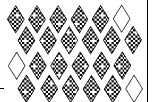


- 3  $\div$  3 = \_\_\_\_\_
- 12  $\div$  2 = \_\_\_\_\_
- 45  $\div$  5 = \_\_\_\_\_
- 20  $\div$  4 = \_\_\_\_\_
- 49  $\div$  7 = \_\_\_\_\_
- 18  $\div$  6 = \_\_\_\_\_
- 90  $\div$  9 = \_\_\_\_\_
- 32  $\div$  8 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  2 = 5
- 40  $\div$  \_\_\_\_\_ = 5
- 63  $\div$  \_\_\_\_\_ = 9
- \_\_\_\_\_  $\div$  9 = 9

26. Colour in  $\frac{5}{6}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$6400 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 28, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 60, 68, \_\_\_\_\_, \_\_\_\_\_, 92

**B** Skip counting in 9's, write the number that comes

- \_\_\_\_\_ 54 \_\_\_\_\_
- \_\_\_\_\_ 72 \_\_\_\_\_
- \_\_\_\_\_ 89 \_\_\_\_\_
- \_\_\_\_\_ 95 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 ⇒ 2340, 2343 ⇒ 2300, 2343 ⇒ 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 1742 ⇒ _____     | 4. 4668 ⇒ _____      | 7. 2163 ⇒ _____       |
| 2. 2354 ⇒ _____     | 5. 5134 ⇒ _____      | 8. 5629 ⇒ _____       |
| 3. 3565 ⇒ _____     | 6. 3734 ⇒ _____      | 9. 3447 ⇒ _____       |

**D** Add or subtract these numbers.

- $564 + 287 =$  \_\_\_\_\_
- $395 + 519 =$  \_\_\_\_\_
- \_\_\_\_\_ + 582 = 961
- $722 +$  \_\_\_\_\_ = 246
- $651 - 179 =$  \_\_\_\_\_
- $812 - 574 =$  \_\_\_\_\_
- \_\_\_\_\_ - 582 = 379
- $722 -$  \_\_\_\_\_ = 246

9. If you have \$387 and are given \$576, how much money do you now have?



10. If you have \$581 and spend \$295, how much money do you have left?



Add up the numbers in each matrix.



38	40	470	
760	3	82	
70	1630	7	
			Total

60	26	1580	
610	84	5	
5	520	90	
			Total

**F** Multiplying and dividing large numbers.

- $907 \times 6$
- $420 \times 7$
- $563 \times 8$
- $826 \times 9$
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

9. If 7 cars all the same price cost \$159600, how much would one car cost?



**E** Multiply and divide these numbers

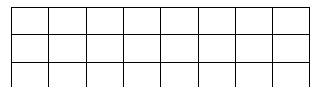
- $3 \times 1 =$  \_\_\_\_\_
- $6 \times 2 =$  \_\_\_\_\_
- $9 \times 5 =$  \_\_\_\_\_
- $4 \times 5 =$  \_\_\_\_\_
- $7 \times 7 =$  \_\_\_\_\_
- $3 \times 6 =$  \_\_\_\_\_
- $10 \times 9 =$  \_\_\_\_\_
- $8 \times 4 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 3 = 27$
- $5 \times$  \_\_\_\_\_ = 50
- $6 \times$  \_\_\_\_\_ = 30
- \_\_\_\_\_  $\times 8 = 8$

13. If you buy 55 books at \$7 each, how much would it cost?

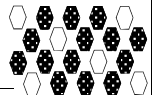


- $15 \div 3 =$  \_\_\_\_\_
- $18 \div 2 =$  \_\_\_\_\_
- $5 \div 5 =$  \_\_\_\_\_
- $12 \div 4 =$  \_\_\_\_\_
- $56 \div 7 =$  \_\_\_\_\_
- $36 \div 6 =$  \_\_\_\_\_
- $63 \div 9 =$  \_\_\_\_\_
- $80 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 3 = 10$
- $5 \div$  \_\_\_\_\_ = 1
- $18 \div$  \_\_\_\_\_ = 3
- \_\_\_\_\_  $\div 8 = 7$

26. Colour in  $\frac{7}{8}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$8100 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_







# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

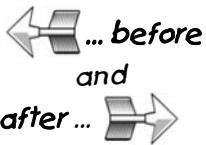
**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, \_\_\_\_, 23, 32, \_\_\_\_, \_\_\_\_, 59, \_\_\_\_, \_\_\_\_, 86, \_\_\_\_, 104

**B** Skip counting in 8's, write the number that comes

- \_\_\_\_\_ 56 \_\_\_\_\_
- \_\_\_\_\_ 72 \_\_\_\_\_
- \_\_\_\_\_ 83 \_\_\_\_\_
- \_\_\_\_\_ 96 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 1827  $\Rightarrow$  \_\_\_\_\_
- 2252  $\Rightarrow$  \_\_\_\_\_
- 3594  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 5621  $\Rightarrow$  \_\_\_\_\_
- 4805  $\Rightarrow$  \_\_\_\_\_
- 6379  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 3626  $\Rightarrow$  \_\_\_\_\_
- 3453  $\Rightarrow$  \_\_\_\_\_
- 1747  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 497 + 349 = \_\_\_\_\_
- 258 + 683 = \_\_\_\_\_
- \_\_\_\_\_ + 635 = 830
- 576 + \_\_\_\_\_ = 924
- 833 - 486 = \_\_\_\_\_
- 927 - 669 = \_\_\_\_\_
- \_\_\_\_\_ - 635 = 195
- 924 - \_\_\_\_\_ = 575

9. If you have \$498 and are given \$368, how much money do you now have?



\_\_\_\_\_ = \_\_\_\_\_

10. If you have \$870 and spend \$396, how much money do you have left?



\_\_\_\_\_ = \_\_\_\_\_

Add up the numbers in each matrix.



11.	410	4	60
	85	1690	6
	20	45	780
			Total

12.	5	1570	630
	430	81	39
	60	5	630
			Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 937 \\ \times 6 \\ \hline \end{array}$$
- $$\begin{array}{r} 790 \\ \times 7 \\ \hline \end{array}$$
- $$\begin{array}{r} 841 \\ \times 8 \\ \hline \end{array}$$
- $$\begin{array}{r} 950 \\ \times 9 \\ \hline \end{array}$$

- $$6 \overline{)4230}$$
- $$7 \overline{)6741}$$
- $$8 \overline{)6720}$$
- $$9 \overline{)4743}$$

9. If one car costs \$17200, how much would it cost to buy 7 cars at the same price?



**E** Multiply and divide these numbers

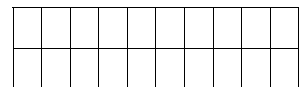
- 3 x 5 = \_\_\_\_\_
- 9 x 2 = \_\_\_\_\_
- 1 x 5 = \_\_\_\_\_
- 4 x 3 = \_\_\_\_\_
- 7 x 8 = \_\_\_\_\_
- 6 x 6 = \_\_\_\_\_
- 7 x 9 = \_\_\_\_\_
- 8 x 10 = \_\_\_\_\_
- \_\_\_\_\_ x 2 = 14
- 4 x \_\_\_\_\_ = 36
- 7 x \_\_\_\_\_ = 70
- \_\_\_\_\_ x 9 = 9
- If you buy 8 books at \$75 each, how much would it cost?

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

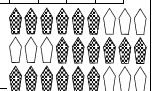


- 18  $\div$  3 = \_\_\_\_\_
- 6  $\div$  2 = \_\_\_\_\_
- 25  $\div$  5 = \_\_\_\_\_
- 4  $\div$  4 = \_\_\_\_\_
- 14  $\div$  7 = \_\_\_\_\_
- 54  $\div$  6 = \_\_\_\_\_
- 36  $\div$  9 = \_\_\_\_\_
- 56  $\div$  8 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  4 = 8
- 18  $\div$  \_\_\_\_\_ = 9
- 45  $\div$  \_\_\_\_\_ = 5
- \_\_\_\_\_  $\div$  7 = 7

26. Colour in  $\frac{7}{10}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$5600 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

20

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 25, \_\_\_\_\_, \_\_\_\_\_, 46, 53, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 81

**B** Skip counting in 6's, write the number that comes

- \_\_\_\_\_ 48 \_\_\_\_\_
- \_\_\_\_\_ 66 \_\_\_\_\_
- \_\_\_\_\_ 89 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 → 2340, 2343 → 2300, 2343 → 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 7327 → _____     | 4. 3742 → _____      | 7. 6157 → _____       |
| 2. 4752 → _____     | 5. 2354 → _____      | 8. 3871 → _____       |
| 3. 1495 → _____     | 6. 4565 → _____      | 9. 1349 → _____       |

**D** Add or subtract these numbers.

- $384 + 269 =$  \_\_\_\_\_
- $278 + 448 =$  \_\_\_\_\_
- \_\_\_\_\_ + 355 = 741
- $165 +$  \_\_\_\_\_ = 962
- $846 - 349 =$  \_\_\_\_\_
- $941 - 683 =$  \_\_\_\_\_
- \_\_\_\_\_ - 174 = 596
- $958 -$  \_\_\_\_\_ = 499

9. If you have \$689 and are given \$259, how much money do you now have?



10. If you have \$607 and spend \$349, how much money do you have left?



**E** Multiply and divide these numbers

- $3 \times 6 =$  \_\_\_\_\_
- $3 \times 2 =$  \_\_\_\_\_
- $5 \times 5 =$  \_\_\_\_\_
- $4 \times 1 =$  \_\_\_\_\_
- $7 \times 2 =$  \_\_\_\_\_
- $9 \times 6 =$  \_\_\_\_\_
- $4 \times 9 =$  \_\_\_\_\_
- $8 \times 7 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 3 = 15$
- $5 \times$  \_\_\_\_\_ = 45
- $6 \times$  \_\_\_\_\_ = 12
- \_\_\_\_\_  $\times 8 = 56$

13. If you buy 65 books at \$9 each, how much would it cost?



Add up the numbers in each matrix.



87	660	5	
210	5	40	
50	1890	73	
			Total

260	3	30	
7	91	520	
40	1580	9	
			Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 425 \\ \times 6 \\ \hline \end{array}$$
- $$\begin{array}{r} 736 \\ \times 7 \\ \hline \end{array}$$
- $$\begin{array}{r} 523 \\ \times 8 \\ \hline \end{array}$$
- $$\begin{array}{r} 936 \\ \times 9 \\ \hline \end{array}$$
- \_\_\_\_\_
- \_\_\_\_\_
- $$\begin{array}{r} 6 \overline{)5004} \end{array}$$
- $$\begin{array}{r} 7 \overline{)4256} \end{array}$$
- $$\begin{array}{r} 8 \overline{)5880} \end{array}$$
- $$\begin{array}{r} 9 \overline{)7506} \end{array}$$

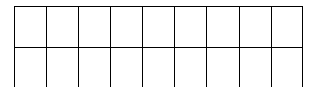
9. If 5 cars all the same price cost \$102000, how much would one car cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

- $27 \div 3 =$  \_\_\_\_\_
- $10 \div 2 =$  \_\_\_\_\_
- $15 \div 5 =$  \_\_\_\_\_
- $24 \div 4 =$  \_\_\_\_\_
- $28 \div 7 =$  \_\_\_\_\_
- $6 \div 6 =$  \_\_\_\_\_
- $18 \div 9 =$  \_\_\_\_\_
- $64 \div 8 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 5 = 6$
- $15 \div$  \_\_\_\_\_ = 5
- $80 \div$  \_\_\_\_\_ = 10
- \_\_\_\_\_  $\div 6 = 4$

26. Colour in  $\frac{7}{9}$  of this shape.



27. What fraction of these shapes is shaded?



28. If \$7500 is shared by 5 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_





# Number Knowledge Worksheet

21

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

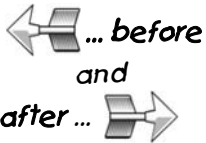
**A** Write in the missing numbers for this number sequence, then describe how it was created.

3, \_\_\_\_\_, \_\_\_\_\_, 21, 27, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 51, \_\_\_\_\_, \_\_\_\_\_, 69



**B** Skip counting in 4's, write the number that comes

- \_\_\_\_\_ 24 \_\_\_\_\_
- \_\_\_\_\_ 36 \_\_\_\_\_
- \_\_\_\_\_ 69 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 4547  $\Rightarrow$  \_\_\_\_\_
- 6885  $\Rightarrow$  \_\_\_\_\_
- 7202  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 7452  $\Rightarrow$  \_\_\_\_\_
- 8080  $\Rightarrow$  \_\_\_\_\_
- 4204  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 5855  $\Rightarrow$  \_\_\_\_\_
- 3299  $\Rightarrow$  \_\_\_\_\_
- 2937  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 278 + 962 = \_\_\_\_\_
- 479 + 887 = \_\_\_\_\_
- \_\_\_\_\_ + 568 = 1361
- 556 + \_\_\_\_\_ = 1423
- 1611 - 944 = \_\_\_\_\_
- 1235 - 378 = \_\_\_\_\_
- \_\_\_\_\_ - 995 = 318
- 1334 - \_\_\_\_\_ = 865

9. If you have \$674 and are given \$749, how much money do you now have?



10. If you have \$1420 and spend \$436, how much money do you have left?



**E** Multiply and divide these numbers

- 4 x 20 = \_\_\_\_\_
- 30 x 7 = \_\_\_\_\_
- 40 x 8 = \_\_\_\_\_
- 3 x 50 = \_\_\_\_\_
- 1 x 6 = \_\_\_\_\_
- 7 x 10 = \_\_\_\_\_
- 8 x 6 = \_\_\_\_\_
- 9 x 9 = \_\_\_\_\_
- \_\_\_\_\_ x 7 = 42
- 8 x \_\_\_\_\_ = 24
- 9 x \_\_\_\_\_ = 45
- \_\_\_\_\_ x 5 = 20
- If you buy 4 books at \$27 each, how much would it cost?



Add up the numbers in each matrix.



11.	91	5	120	12.	4	1250	12
	36	1970	34		75	7	66
	38	5	102		81	207	830
			Total				Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 1673 \\ \times 2 \\ \hline \end{array}$$
- $$\begin{array}{r} 2578 \\ \times 3 \\ \hline \end{array}$$
- $$4 \overline{) 2468}$$
- $$5 \overline{) 3090}$$

5. How much would it cost to buy 5 cell phones?



6. How many computers can you buy with \$5000 and how much money do you have left over?



- 140  $\div$  20 = \_\_\_\_\_
- 240  $\div$  30 = \_\_\_\_\_
- 120  $\div$  40 = \_\_\_\_\_
- 50  $\div$  50 = \_\_\_\_\_
- 24  $\div$  6 = \_\_\_\_\_
- 35  $\div$  7 = \_\_\_\_\_
- 72  $\div$  8 = \_\_\_\_\_
- 18  $\div$  9 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  5 = 6
- 54  $\div$  \_\_\_\_\_ = 9
- 56  $\div$  \_\_\_\_\_ = 8
- \_\_\_\_\_  $\div$  8 = 6

26. If \$550 is shared by 5 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

27. Find  $\frac{1}{2}$  of \$50.

28. Find  $\frac{1}{3}$  of \$63.

29. Find  $\frac{1}{4}$  of \$48.





# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 25, \_\_\_\_\_, \_\_\_\_\_, 46, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 74, 81

**B** Skip counting in 5s, write the number that comes

- \_\_\_\_\_ 45 \_\_\_\_\_
- \_\_\_\_\_ 70 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_
- \_\_\_\_\_ 83 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 → 2340, 2343 → 2300, 2343 → 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 3426 → _____     | 4. 4632 → _____      | 7. 1567 → _____       |
| 2. 4749 → _____     | 5. 3279 → _____      | 8. 3442 → _____       |
| 3. 7392 → _____     | 6. 6355 → _____      | 9. 2875 → _____       |

**D** Add or subtract these numbers.

- 793 + 568 = \_\_\_\_\_
- 556 + 867 = \_\_\_\_\_
- \_\_\_\_\_ + 944 = 1611
- 857 + \_\_\_\_\_ = 1235
- 1313 - 995 = \_\_\_\_\_
- 1334 - 469 = \_\_\_\_\_
- \_\_\_\_\_ - 493 = 927
- 1724 - \_\_\_\_\_ = 746

9. If you have \$984 and are given \$436, how much money do you now have?



10. If you have \$1375 and spend \$397, how much money do you have left?



Add up the numbers in each matrix.



41	22	1740	
4	99	108	
330	8	63	
			Total

630	32	53	
59	7	1460	
5	82	203	
			Total

**F** Multiplying and dividing large numbers.

- 2458 x 2
- 1469 x 3
- 4 ) 2036
- 5 ) 1395

5. How much would it cost to buy 4 bicycles?



6. How many DVD players can you buy with \$3000 and how much money do you have left over?



**E** Multiply and divide these numbers

- 7 x 20 = \_\_\_\_\_
  - 30 x 8 = \_\_\_\_\_
  - 40 x 3 = \_\_\_\_\_
  - 1 x 50 = \_\_\_\_\_
  - 4 x 6 = \_\_\_\_\_
  - 7 x 5 = \_\_\_\_\_
  - 8 x 2 = \_\_\_\_\_
  - 2 x 9 = \_\_\_\_\_
  - \_\_\_\_\_ x 9 = 72
  - 5 x \_\_\_\_\_ = 45
  - 6 x \_\_\_\_\_ = 36
  - \_\_\_\_\_ x 7 = 70
13. If you buy 36 books at \$5 each, how much would it cost?  
\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_



- 160 ÷ 20 = \_\_\_\_\_
- 90 ÷ 30 = \_\_\_\_\_
- 40 ÷ 40 = \_\_\_\_\_
- 200 ÷ 50 = \_\_\_\_\_
- 42 ÷ 6 = \_\_\_\_\_
- 63 ÷ 7 = \_\_\_\_\_
- 16 ÷ 8 = \_\_\_\_\_
- 54 ÷ 9 = \_\_\_\_\_
- \_\_\_\_\_ ÷ 7 = 7
- 40 ÷ \_\_\_\_\_ = 5
- 72 ÷ \_\_\_\_\_ = 8
- \_\_\_\_\_ ÷ 5 = 5

26. If \$840 is shared by 4 people, how much money does each person get?

\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_



27. Find 1/5 of \$25.

28. Find 1/6 of \$36.

29. Find 1/7 of \$49.



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

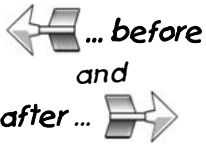
**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 35, 43, \_\_\_\_\_, \_\_\_\_\_, 67, \_\_\_\_\_, \_\_\_\_\_, 91

**B** Skip counting in 7's, write the number that comes

- \_\_\_\_\_ 35 \_\_\_\_\_
- \_\_\_\_\_ 56 \_\_\_\_\_
- \_\_\_\_\_ 78 \_\_\_\_\_
- \_\_\_\_\_ 89 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 3621  $\Rightarrow$  \_\_\_\_\_
- 4356  $\Rightarrow$  \_\_\_\_\_
- 3774  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 8634  $\Rightarrow$  \_\_\_\_\_
- 9467  $\Rightarrow$  \_\_\_\_\_
- 4871  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 9289  $\Rightarrow$  \_\_\_\_\_
- 6713  $\Rightarrow$  \_\_\_\_\_
- 3535  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 667 + 944 = \_\_\_\_\_
- 857 + 378 = \_\_\_\_\_
- \_\_\_\_\_ + 995 = 1313
- 865 + \_\_\_\_\_ = 1334
- 1420 - 927 = \_\_\_\_\_
- 1724 - 978 = \_\_\_\_\_
- \_\_\_\_\_ - 461 = 989
- 1631 - \_\_\_\_\_ = 735

9. If you have \$978 and are given \$397, how much money do you now have?



10. If you have \$1622 and spend \$657, how much money do you have left?



**E** Multiply and divide these numbers

- 8 x 20 = \_\_\_\_\_
- 30 x 3 = \_\_\_\_\_
- 40 x 1 = \_\_\_\_\_
- 4 x 50 = \_\_\_\_\_
- 7 x 6 = \_\_\_\_\_
- 7 x 9 = \_\_\_\_\_
- 8 x 5 = \_\_\_\_\_
- 6 x 9 = \_\_\_\_\_
- \_\_\_\_\_ x 6 = 30
- 5 x \_\_\_\_\_ = 35
- 8 x \_\_\_\_\_ = 56
- \_\_\_\_\_ x 9 = 36
- If you buy 6 books at \$42 each, how much would it cost?



Add up the numbers in each matrix.



11.	46	250	201	12.	74	53	1150
	93	6	1840		72	104	8
	4	45	114		930	3	37
			Total				Total

**F** Multiplying and dividing large numbers.

- 1904 x 2
- 2036 x 3
- 4 ) 1904
- 5 ) 2535

5. How much would it cost to buy 6 colour printers?



6. How many laptop computers can you buy with \$5000 and how much money do you have left over?



- 60  $\div$  20 = \_\_\_\_\_
- 30  $\div$  30 = \_\_\_\_\_
- 160  $\div$  40 = \_\_\_\_\_
- 350  $\div$  50 = \_\_\_\_\_
- 48  $\div$  6 = \_\_\_\_\_
- 14  $\div$  7 = \_\_\_\_\_
- 72  $\div$  8 = \_\_\_\_\_
- 90  $\div$  9 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  9 = 9
- 50  $\div$  \_\_\_\_\_ = 10
- 24  $\div$  \_\_\_\_\_ = 4
- \_\_\_\_\_  $\div$  7 = 4

26. If \$420 is shared by 6 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



- Find  $\frac{1}{8}$  of \$64.
- Find  $\frac{1}{9}$  of \$45.
- Find  $\frac{1}{10}$  of \$90.



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



5, \_\_\_\_\_, \_\_\_\_\_, 32, \_\_\_\_\_, \_\_\_\_\_, 59, 68, \_\_\_\_\_, \_\_\_\_\_, 95, \_\_\_\_\_

**B** Skip counting in 6's, write the number that comes

- \_\_\_\_\_ 24 \_\_\_\_\_
- \_\_\_\_\_ 42 \_\_\_\_\_
- \_\_\_\_\_ 75 \_\_\_\_\_
- \_\_\_\_\_ 87 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 ⇒ 2340, 2343 ⇒ 2300, 2343 ⇒ 2000,

Round to nearest 10	Round to nearest 100	Round to nearest 1000
1. 3718 ⇒ _____	4. 1827 ⇒ _____	7. 6341 ⇒ _____
2. 2345 ⇒ _____	5. 7372 ⇒ _____	8. 1483 ⇒ _____
3. 3632 ⇒ _____	6. 3530 ⇒ _____	9. 2679 ⇒ _____

**D** Add or subtract these numbers.

- $318 + 995 =$  \_\_\_\_\_
- $865 + 469 =$  \_\_\_\_\_
- \_\_\_\_\_ +  $927 = 1420$
- $746 +$  \_\_\_\_\_ =  $1724$
- $1450 - 461 =$  \_\_\_\_\_
- $1631 - 735 =$  \_\_\_\_\_
- \_\_\_\_\_ -  $495 = 785$
- $1444 -$  \_\_\_\_\_ =  $957$

9. If you have \$965 and are given \$657, how much money do you now have?



10. If you have \$1437 and spend \$589, how much money do you have left?



Add up the numbers in each matrix.



75	92	640	
1430	5	207	
13	56	4	
			Total

1560	92	23	
8	102	530	
63	79	8	
			Total

**F** Multiplying and dividing large numbers.

- $2570 \times 2$
- $1480 \times 3$
- $4 \overline{) 1192}$
- $5 \overline{) 2430}$

5. How much would it cost to buy 4 ovens?



6. How many lawn mowers can you buy with \$3000 and how much money do you have left over?



**E** Multiply and divide these numbers

- $3 \times 20 =$  \_\_\_\_\_
- $30 \times 1 =$  \_\_\_\_\_
- $40 \times 4 =$  \_\_\_\_\_
- $7 \times 50 =$  \_\_\_\_\_
- $8 \times 6 =$  \_\_\_\_\_
- $7 \times 2 =$  \_\_\_\_\_
- $8 \times 9 =$  \_\_\_\_\_
- $10 \times 9 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 8 = 32$
- $9 \times$  \_\_\_\_\_ =  $63$
- $5 \times$  \_\_\_\_\_ =  $25$
- \_\_\_\_\_  $\times 6 = 54$

13. If you buy 53 books at \$7 each, how much would it cost?



- $20 \div 20 =$  \_\_\_\_\_
- $120 \div 30 =$  \_\_\_\_\_
- $280 \div 40 =$  \_\_\_\_\_
- $400 \div 50 =$  \_\_\_\_\_
- $18 \div 6 =$  \_\_\_\_\_
- $42 \div 7 =$  \_\_\_\_\_
- $80 \div 8 =$  \_\_\_\_\_
- $45 \div 9 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 6 = 10$
- $56 \div$  \_\_\_\_\_ =  $8$
- $64 \div$  \_\_\_\_\_ =  $8$
- \_\_\_\_\_  $\div 9 = 4$

26. If \$690 is shared by 3 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



- Find  $\frac{1}{2}$  of \$70. \_\_\_\_\_
- Find  $\frac{1}{9}$  of \$27. \_\_\_\_\_
- Find  $\frac{1}{6}$  of \$36. \_\_\_\_\_



# Number Knowledge Worksheet

25

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

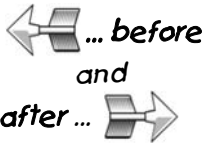
**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 22, 28, \_\_\_\_\_, \_\_\_\_\_, 46, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 70

**B** Skip counting in 8's, write the number that comes

- \_\_\_\_\_ 32 \_\_\_\_\_
- \_\_\_\_\_ 56 \_\_\_\_\_
- \_\_\_\_\_ 89 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 4283  $\Rightarrow$  \_\_\_\_\_
- 7321  $\Rightarrow$  \_\_\_\_\_
- 3675  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 7164  $\Rightarrow$  \_\_\_\_\_
- 2756  $\Rightarrow$  \_\_\_\_\_
- 3442  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 7223  $\Rightarrow$  \_\_\_\_\_
- 3582  $\Rightarrow$  \_\_\_\_\_
- 6438  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 493 + 927 = \_\_\_\_\_
- 746 + 978 = \_\_\_\_\_
- \_\_\_\_\_ + 461 = 1450
- 896 + \_\_\_\_\_ = 1631
- 1280 - 495 = \_\_\_\_\_
- 1444 - 487 = \_\_\_\_\_
- \_\_\_\_\_ - 458 = 978
- 1126 - \_\_\_\_\_ = 763

9. If you have \$848 and are given \$587, how much money do you now have?



= \_\_\_\_\_

10. If you have \$1438 and spend \$689, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	25	3	170	12.	4	1240	73
	9	1920	46		23	84	107
	87	56	201		8	56	820
			Total				Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 3689 \\ \times 2 \\ \hline \end{array}$$
- $$\begin{array}{r} 3579 \\ \times 3 \\ \hline \end{array}$$
- $$4 \overline{) 1520}$$
- $$5 \overline{) 4650}$$

5. How much would it cost to buy 8 MP3 players?



\$135

6. How many digital cameras can you buy with \$2000 and how much money do you have left over?



\$765

**E** Multiply and divide these numbers

- 1 x 20 = \_\_\_\_\_
- 30 x 4 = \_\_\_\_\_
- 40 x 7 = \_\_\_\_\_
- 3 x 50 = \_\_\_\_\_
- 3 x 6 = \_\_\_\_\_
- 7 x 6 = \_\_\_\_\_
- 8 x 10 = \_\_\_\_\_
- 5 x 9 = \_\_\_\_\_
- \_\_\_\_\_ x 5 = 35
- 6 x \_\_\_\_\_ = 60
- 7 x \_\_\_\_\_ = 49
- \_\_\_\_\_ x 8 = 40
- If you buy 8 books at \$29 each, how much would it cost?



\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

- 200  $\div$  20 = \_\_\_\_\_
- 150  $\div$  30 = \_\_\_\_\_
- 360  $\div$  40 = \_\_\_\_\_
- 100  $\div$  50 = \_\_\_\_\_
- 36  $\div$  6 = \_\_\_\_\_
- 28  $\div$  7 = \_\_\_\_\_
- 56  $\div$  8 = \_\_\_\_\_
- 72  $\div$  9 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  8 = 6
- 54  $\div$  \_\_\_\_\_ = 6
- 40  $\div$  \_\_\_\_\_ = 8
- \_\_\_\_\_  $\div$  6 = 8

26. If \$490 is shared by 7 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



- Find  $\frac{1}{3}$  of \$93. \_\_\_\_\_
- Find  $\frac{1}{10}$  of \$120. \_\_\_\_\_
- Find  $\frac{1}{5}$  of \$45. \_\_\_\_\_



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



5, \_\_\_\_\_, \_\_\_\_\_, 26, \_\_\_\_\_, \_\_\_\_\_, 47, 54, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 82

**B** Skip counting in 9's, write the number that comes

1. \_\_\_\_\_ 36 \_\_\_\_\_

2. \_\_\_\_\_ 54 \_\_\_\_\_



3. \_\_\_\_\_ 83 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 97 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\rightarrow$  2340, 2343  $\rightarrow$  2300, 2343  $\rightarrow$  2000,

Round to nearest 10

1. 3839  $\rightarrow$  \_\_\_\_\_

2. 7271  $\rightarrow$  \_\_\_\_\_

3. 4792  $\rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 7428  $\rightarrow$  \_\_\_\_\_

5. 2354  $\rightarrow$  \_\_\_\_\_

6. 1565  $\rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 2829  $\rightarrow$  \_\_\_\_\_

8. 3243  $\rightarrow$  \_\_\_\_\_

9. 5578  $\rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $989 + 461 =$  \_\_\_\_\_

2.  $896 + 735 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 495 = 1280

4.  $957 +$  \_\_\_\_\_ = 1444

5.  $1436 - 458 =$  \_\_\_\_\_

6.  $1126 - 358 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 889 = 629

8.  $1542 -$  \_\_\_\_\_ = 646

9. If you have \$749 and are given \$689, how much money do you now have?



10. If you have \$1241 and spend \$257, how much money do you have left?



**E** Multiply and divide these numbers

1.  $10 \times 20 =$  \_\_\_\_\_

2.  $30 \times 5 =$  \_\_\_\_\_

3.  $40 \times 4 =$  \_\_\_\_\_

4.  $2 \times 50 =$  \_\_\_\_\_

5.  $6 \times 6 =$  \_\_\_\_\_

6.  $7 \times 4 =$  \_\_\_\_\_

7.  $8 \times 7 =$  \_\_\_\_\_

8.  $8 \times 9 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 7 = 63$

10.  $8 \times$  \_\_\_\_\_ = 24

11.  $9 \times$  \_\_\_\_\_ = 54

12. \_\_\_\_\_  $\times 5 = 50$

13. If you buy 27 books at \$9 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

14.  $100 \div 20 =$  \_\_\_\_\_

15.  $270 \div 30 =$  \_\_\_\_\_

16.  $80 \div 40 =$  \_\_\_\_\_

17.  $300 \div 50 =$  \_\_\_\_\_

18.  $60 \div 6 =$  \_\_\_\_\_

19.  $49 \div 7 =$  \_\_\_\_\_

20.  $64 \div 8 =$  \_\_\_\_\_

21.  $27 \div 9 =$  \_\_\_\_\_

22. \_\_\_\_\_  $\div 5 = 9$

23.  $42 \div$  \_\_\_\_\_ = 7

24.  $35 \div$  \_\_\_\_\_ = 5

25. \_\_\_\_\_  $\div 8 = 10$

26. If \$850 is shared by 10 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{1}{4}$  of \$84. \_\_\_\_\_

28. Find  $\frac{1}{7}$  of \$56. \_\_\_\_\_

29. Find  $\frac{1}{8}$  of \$72. \_\_\_\_\_

**D** Add up the numbers in each matrix.



32	5	69	
102	8	530	
61	1520	27	
			Total

91	5	1430	
45	97	19	
630	206	6	
			Total

**F** Multiplying and dividing large numbers.

1.  $1740 \times 4$

2.  $2803 \times 5$

3.  $2 \overline{)1926}$

4.  $3 \overline{)2916}$

5. How much would it cost to buy 9 office chairs?



6. How many video cameras can you buy with \$5000 and how much money do you have left over?







# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

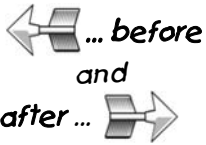
**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 28, \_\_\_\_\_, \_\_\_\_\_, 52, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 84

**B** Skip counting in 4's, write the number that comes

- \_\_\_\_\_ 28 \_\_\_\_\_
- \_\_\_\_\_ 40 \_\_\_\_\_
- \_\_\_\_\_ 78 \_\_\_\_\_
- \_\_\_\_\_ 91 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 3621 $\Rightarrow$ _____ | 4. 3181 $\Rightarrow$ _____ | 7. 3237 $\Rightarrow$ _____ |
| 2. 8456 $\Rightarrow$ _____ | 5. 9317 $\Rightarrow$ _____ | 8. 4062 $\Rightarrow$ _____ |
| 3. 1274 $\Rightarrow$ _____ | 6. 7345 $\Rightarrow$ _____ | 9. 7613 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- 785 + 495 = \_\_\_\_\_
- 957 + 487 = \_\_\_\_\_
- \_\_\_\_\_ + 458 = 1436
- 768 + \_\_\_\_\_ = 1126
- 1518 - 889 = \_\_\_\_\_
- 1542 - 646 = \_\_\_\_\_
- \_\_\_\_\_ - 479 = 867
- 1681 - \_\_\_\_\_ = 983

9. If you have \$984 and are given \$257, how much money do you now have?



10. If you have \$1852 and spend \$896, how much money do you have left?



**E** Multiply and divide these numbers

- 5 x 20 = \_\_\_\_\_
- 30 x 9 = \_\_\_\_\_
- 40 x 2 = \_\_\_\_\_
- 6 x 50 = \_\_\_\_\_
- 10 x 6 = \_\_\_\_\_
- 7 x 7 = \_\_\_\_\_
- 8 x 8 = \_\_\_\_\_
- 3 x 9 = \_\_\_\_\_
- \_\_\_\_\_ x 9 = 54
- 5 x \_\_\_\_\_ = 45
- 6 x \_\_\_\_\_ = 36
- \_\_\_\_\_ x 7 = 42
- If you buy 7 books at \$64 each, how much would it cost?



Add up the numbers in each matrix.



11.	6	12	180	12.	5	1320	51
	1910	8	84		207	73	35
	76	107	65		67	750	8
			Total				Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 2358 \\ \times 4 \\ \hline \end{array}$$
- $$\begin{array}{r} 1594 \\ \times 5 \\ \hline \end{array}$$
- $$2 \overline{)1620}$$
- $$3 \overline{)2289}$$

5. How much would it cost to buy 3 microwaves?



\$299

6. How many chairs can you buy with \$2000 and how much money do you have left over?



\$415

14. 180  $\div$  20 = \_\_\_\_\_
15. 60  $\div$  30 = \_\_\_\_\_
16. 240  $\div$  40 = \_\_\_\_\_
17. 500  $\div$  50 = \_\_\_\_\_
18. 30  $\div$  6 = \_\_\_\_\_
19. 56  $\div$  7 = \_\_\_\_\_
20. 24  $\div$  8 = \_\_\_\_\_
21. 9  $\div$  9 = \_\_\_\_\_
22. \_\_\_\_\_  $\div$  7 = 9
23. 72  $\div$  \_\_\_\_\_ = 9
24. 63  $\div$  \_\_\_\_\_ = 7
25. \_\_\_\_\_  $\div$  5 = 5

26. If \$640 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{1}{3}$  of \$42.

28. Find  $\frac{1}{5}$  of \$65.

29. Find  $\frac{3}{4}$  of \$24.



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



4, \_\_\_\_\_, \_\_\_\_\_, 31, 40, \_\_\_\_\_, \_\_\_\_\_, 67, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 102

**B** Skip counting in 7's, write the number that comes

- \_\_\_\_\_ 42 \_\_\_\_\_
- \_\_\_\_\_ 63 \_\_\_\_\_
- \_\_\_\_\_ 81 \_\_\_\_\_
- \_\_\_\_\_ 96 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 → 2340, 2343 → 2300, 2343 → 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 4543 → _____     | 4. 3549 → _____      | 7. 6633 → _____       |
| 2. 1345 → _____     | 5. 7092 → _____      | 8. 2387 → _____       |
| 3. 8329 → _____     | 6. 9165 → _____      | 9. 1858 → _____       |

**D** Add or subtract these numbers.

- $978 + 458 =$  \_\_\_\_\_
- $768 + 358 =$  \_\_\_\_\_
- \_\_\_\_\_ + 889 = 1518
- $896 +$  \_\_\_\_\_ = 1542
- $1346 - 479 =$  \_\_\_\_\_
- $1681 - 983 =$  \_\_\_\_\_
- \_\_\_\_\_ - 962 = 278
- $1366 -$  \_\_\_\_\_ = 479

9. If you have \$956 and are given \$896, how much money do you now have?



10. If you have \$1274 and spend \$679, how much money do you have left?



Add up the numbers in each matrix.



8	420	53	
45	106	93	
65	4	1640	
			Total

12	72	55	6
	1530	9	96
	205	540	44
			Total

**F** Multiplying and dividing large numbers.

- $3469 \times 4$
- $2876 \times 5$
- $2 \overline{) 1810}$
- $3 \overline{) 2430}$

5. How much would it cost to buy 3 microscopes?



\$234

6. How many colour printers can you buy with \$2000 and how much money do you have left over?



\$378

**E** Multiply and divide these numbers

- $9 \times 20 =$  \_\_\_\_\_
- $30 \times 2 =$  \_\_\_\_\_
- $40 \times 6 =$  \_\_\_\_\_
- $10 \times 50 =$  \_\_\_\_\_
- $5 \times 6 =$  \_\_\_\_\_
- $7 \times 8 =$  \_\_\_\_\_
- $8 \times 3 =$  \_\_\_\_\_
- $1 \times 9 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 6 = 42$
- $7 \times$  \_\_\_\_\_ = 28
- $8 \times$  \_\_\_\_\_ = 64
- \_\_\_\_\_  $\times 9 = 72$
- If you buy 49 books at \$5 each, how much would it cost?  
\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_



- $40 \div 20 =$  \_\_\_\_\_
- $180 \div 30 =$  \_\_\_\_\_
- $400 \div 40 =$  \_\_\_\_\_
- $250 \div 50 =$  \_\_\_\_\_
- $54 \div 6 =$  \_\_\_\_\_
- $21 \div 7 =$  \_\_\_\_\_
- $8 \div 8 =$  \_\_\_\_\_
- $36 \div 9 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 9 = 5$
- $40 \div$  \_\_\_\_\_ = 8
- $36 \div$  \_\_\_\_\_ = 6
- \_\_\_\_\_  $\div 7 = 5$

26. If \$450 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{1}{10}$  of \$130.

28. Find  $\frac{1}{7}$  of \$63.

29. Find  $\frac{2}{3}$  of \$24.



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

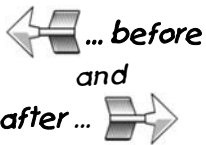
**A** Write in the missing numbers for this number sequence, then describe how it was created.

5, \_\_\_\_\_, \_\_\_\_\_, 23, \_\_\_\_\_, \_\_\_\_\_, 41, 47, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 71



**B** Skip counting in 8's, write the number that comes

- \_\_\_\_\_ 40 \_\_\_\_\_
- \_\_\_\_\_ 64 \_\_\_\_\_
- \_\_\_\_\_ 82 \_\_\_\_\_
- \_\_\_\_\_ 95 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

- | Round to nearest 10         | Round to nearest 100        | Round to nearest 1000       |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 4738 $\Rightarrow$ _____ | 4. 4367 $\Rightarrow$ _____ | 7. 2163 $\Rightarrow$ _____ |
| 2. 9192 $\Rightarrow$ _____ | 5. 2421 $\Rightarrow$ _____ | 8. 7629 $\Rightarrow$ _____ |
| 3. 2615 $\Rightarrow$ _____ | 6. 9263 $\Rightarrow$ _____ | 9. 3447 $\Rightarrow$ _____ |

**D** Add or subtract these numbers.

- $629 + 889 =$  \_\_\_\_\_
- $896 + 646 =$  \_\_\_\_\_
- \_\_\_\_\_ + 479 = 1346
- $698 +$  \_\_\_\_\_ = 1681
- $1240 - 962 =$  \_\_\_\_\_
- $1366 - 887 =$  \_\_\_\_\_
- \_\_\_\_\_ - 568 = 793
- $1423 -$  \_\_\_\_\_ = 867

9. If you have \$595 and are given \$679, how much money do you now have?



10. If you have \$1358 and spend \$989, how much money do you have left?



**E** Multiply and divide these numbers

- $2 \times 20 =$  \_\_\_\_\_
  - $30 \times 6 =$  \_\_\_\_\_
  - $40 \times 10 =$  \_\_\_\_\_
  - $5 \times 50 =$  \_\_\_\_\_
  - $9 \times 6 =$  \_\_\_\_\_
  - $7 \times 3 =$  \_\_\_\_\_
  - $8 \times 1 =$  \_\_\_\_\_
  - $4 \times 9 =$  \_\_\_\_\_
  - \_\_\_\_\_  $\times 8 = 48$
  - $9 \times$  \_\_\_\_\_ = 90
  - $5 \times$  \_\_\_\_\_ = 40
  - \_\_\_\_\_  $\times 6 = 42$
13. If you buy 6 books at \$73 each, how much would it cost?



Add up the numbers in each matrix.



11.	92	25	340	12.	71	1810	94
	8	76	202		14	107	9
	1740	68	8		4	84	260
			Total				Total

**F** Multiplying and dividing large numbers.

- $1850 \times 4$
- $3596 \times 5$
- $2 \overline{) 1452}$
- $3 \overline{) 1977}$

5. How much would it cost to buy 7 electric drills?



6. How many ride-on mowers can you buy with \$10000 and how much money do you have left over?



- \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_
- $120 \div 20 =$  \_\_\_\_\_
  - $300 \div 30 =$  \_\_\_\_\_
  - $160 \div 40 =$  \_\_\_\_\_
  - $450 \div 50 =$  \_\_\_\_\_
  - $12 \div 6 =$  \_\_\_\_\_
  - $7 \div 7 =$  \_\_\_\_\_
  - $32 \div 8 =$  \_\_\_\_\_
  - $63 \div 9 =$  \_\_\_\_\_
  - \_\_\_\_\_  $\div 6 = 4$
  - $42 \div$  \_\_\_\_\_ = 6
  - $72 \div$  \_\_\_\_\_ = 9
  - \_\_\_\_\_  $\div 9 = 5$

26. If \$350 is shared by 7 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

27. Find  $\frac{1}{4}$  of \$56.

28. Find  $\frac{1}{8}$  of \$64.

29. Find  $\frac{2}{5}$  of \$50.





# Number Knowledge Worksheet

30

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



3, \_\_\_\_\_, \_\_\_\_\_, 24, 31, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 59, \_\_\_\_\_, \_\_\_\_\_, 80

**B** Skip counting in 9's, write the number that comes

1. \_\_\_\_\_ 45 \_\_\_\_\_

2. \_\_\_\_\_ 63 \_\_\_\_\_



3. \_\_\_\_\_ 82 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 97 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 4357  $\Rightarrow$  \_\_\_\_\_

2. 2823  $\Rightarrow$  \_\_\_\_\_

3. 3755  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 4658  $\Rightarrow$  \_\_\_\_\_

5. 5134  $\Rightarrow$  \_\_\_\_\_

6. 4334  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 3736  $\Rightarrow$  \_\_\_\_\_

8. 2174  $\Rightarrow$  \_\_\_\_\_

9. 5649  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $867 + 479 =$  \_\_\_\_\_

2.  $698 + 983 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 962 = 1240

4.  $479 +$  \_\_\_\_\_ = 1366

5.  $1361 - 568 =$  \_\_\_\_\_

6.  $1423 - 867 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 944 = 667

8.  $1235 -$  \_\_\_\_\_ = 378

9. If you have \$369 and are given \$989, how much money do you now have?



= \_\_\_\_\_

10. If you have \$1423 and spend \$749, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	34	5	230	
	47	1540	96	
	86	8	102	
			Total	

12.	9	450	81	
	39	5	208	
	47	31	1620	
			Total	

**F** Multiplying and dividing large numbers.

1.  $2697 \times 4$

2.  $1704 \times 5$

3.  $2 \overline{) 1496}$

4.  $3 \overline{) 2520}$

5. How much would it cost to buy 5 telephones?



\$236

6. How many television sets can you buy with \$10000 and how much money do you have left over?



\$3250

**E** Multiply and divide these numbers

1.  $6 \times 20 =$  \_\_\_\_\_

2.  $30 \times 10 =$  \_\_\_\_\_

3.  $40 \times 5 =$  \_\_\_\_\_

4.  $9 \times 50 =$  \_\_\_\_\_

5.  $2 \times 6 =$  \_\_\_\_\_

6.  $7 \times 1 =$  \_\_\_\_\_

7.  $8 \times 4 =$  \_\_\_\_\_

8.  $7 \times 9 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 5 = 50$

10.  $6 \times$  \_\_\_\_\_ = 54

11.  $7 \times$  \_\_\_\_\_ = 42

12. \_\_\_\_\_  $\times 8 = 64$

13. If you buy 76 books at \$8 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

14.  $80 \div 20 =$  \_\_\_\_\_

15.  $210 \div 30 =$  \_\_\_\_\_

16.  $320 \div 40 =$  \_\_\_\_\_

17.  $150 \div 50 =$  \_\_\_\_\_

18.  $6 \div 6 =$  \_\_\_\_\_

19.  $70 \div 7 =$  \_\_\_\_\_

20.  $40 \div 8 =$  \_\_\_\_\_

21.  $81 \div 9 =$  \_\_\_\_\_

22. \_\_\_\_\_  $\div 8 = 7$

23.  $54 \div$  \_\_\_\_\_ = 6

24.  $25 \div$  \_\_\_\_\_ = 5

25. \_\_\_\_\_  $\div 6 = 8$

26. If \$750 is shared by 5 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{1}{6}$  of \$42.

28. Find  $\frac{1}{9}$  of \$54.

29. Find  $\frac{7}{10}$  of \$80.



# Number Knowledge Worksheet

31

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

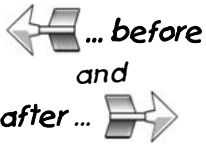
**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, 14, \_\_\_\_\_, \_\_\_\_\_, 38, 46, \_\_\_\_\_, \_\_\_\_\_, 70, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**B** Skip counting in 5's, write the number that comes

- \_\_\_\_\_ 50 \_\_\_\_\_
- \_\_\_\_\_ 75 \_\_\_\_\_
- \_\_\_\_\_ 81 \_\_\_\_\_
- \_\_\_\_\_ 97 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 4383  $\Rightarrow$  \_\_\_\_\_
- 1779  $\Rightarrow$  \_\_\_\_\_
- 6886  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 1344  $\Rightarrow$  \_\_\_\_\_
- 4188  $\Rightarrow$  \_\_\_\_\_
- 3626  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 2761  $\Rightarrow$  \_\_\_\_\_
- 7439  $\Rightarrow$  \_\_\_\_\_
- 1693  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 793 + 568 = \_\_\_\_\_
- 556 + 867 = \_\_\_\_\_
- \_\_\_\_\_ + 995 = 1313
- 865 + \_\_\_\_\_ = 1334
- 1450 - 461 = \_\_\_\_\_
- 1631 - 735 = \_\_\_\_\_
- \_\_\_\_\_ - 458 = 978
- 1126 - \_\_\_\_\_ = 763

9. If you have \$746 and are given \$497, how much money do you now have?



10. If you have \$1423 and spend \$674, how much money do you have left?



**E** Multiply and divide these numbers

- 4 x 20 = \_\_\_\_\_
- 50 x 1 = \_\_\_\_\_
- 40 x 7 = \_\_\_\_\_
- 10 x 30 = \_\_\_\_\_
- 8 x 8 = \_\_\_\_\_
- 7 x 5 = \_\_\_\_\_
- 9 x 3 = \_\_\_\_\_
- 9 x 6 = \_\_\_\_\_
- \_\_\_\_\_ x 5 = 30
- 6 x \_\_\_\_\_ = 24
- 7 x \_\_\_\_\_ = 49
- \_\_\_\_\_ x 8 = 56
- If you buy 9 books at \$36 each, how much would it cost?



Add up the numbers in each matrix.



11.	74	3240	73	12.	88	420	353
	223	84	107		45	2106	93
	58	356	1820		565	74	1640
			Total				Total

**F** Multiplying and dividing large numbers.

- 1763 x 6
- 2857 x 7
- 8 ) 5368
- 9 ) 6219

5. How much would it cost to buy 5 cell phones?



6. How many computers can you buy with \$5000 and how much money do you have left over?



14. 140  $\div$  20 = \_\_\_\_\_
15. 200  $\div$  50 = \_\_\_\_\_
16. 320  $\div$  40 = \_\_\_\_\_
17. 150  $\div$  30 = \_\_\_\_\_
18. 24  $\div$  8 = \_\_\_\_\_
19. 42  $\div$  7 = \_\_\_\_\_
20. 9  $\div$  9 = \_\_\_\_\_
21. 12  $\div$  6 = \_\_\_\_\_
22. \_\_\_\_\_  $\div$  7 = 9
23. 40  $\div$  \_\_\_\_\_ = 5
24. 54  $\div$  \_\_\_\_\_ = 6
25. \_\_\_\_\_  $\div$  5 = 6
26. If \$720 is shared by 6 people, how much money does each person get?  
\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_
27. Find  $\frac{1}{2}$  of \$34. \_\_\_\_\_
28. Find  $\frac{2}{3}$  of \$36. \_\_\_\_\_
29. Find  $\frac{3}{4}$  of \$32. \_\_\_\_\_





# Number Knowledge Worksheet

32

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, 14, \_\_\_\_\_, \_\_\_\_\_, 41, \_\_\_\_\_, \_\_\_\_\_, 68, 77, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**B** Skip counting in 6's, write the number that comes

1. \_\_\_\_\_ 30 \_\_\_\_\_

2. \_\_\_\_\_ 48 \_\_\_\_\_

← ... before and

3. \_\_\_\_\_ 79 \_\_\_\_\_

after ... →

4. \_\_\_\_\_ 95 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 → 2340, 2343 → 2300, 2343 → 2000,

Round to nearest 10

1. 7627 → \_\_\_\_\_

2. 3152 → \_\_\_\_\_

3. 1495 → \_\_\_\_\_

Round to nearest 100

4. 6749 → \_\_\_\_\_

5. 3483 → \_\_\_\_\_

6. 2921 → \_\_\_\_\_

Round to nearest 1000

7. 6139 → \_\_\_\_\_

8. 3871 → \_\_\_\_\_

9. 1949 → \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $318 + 995 =$  \_\_\_\_\_

2.  $865 + 469 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 461 = 1450

4.  $896 +$  \_\_\_\_\_ = 1631

5.  $1436 - 458 =$  \_\_\_\_\_

6.  $1126 - 358 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 479 = 867

8.  $1681 -$  \_\_\_\_\_ = 983

9. If you have \$849 and are given \$364, how much money do you now have?



10. If you have \$1420 and spend \$984, how much money do you have left?



Add up the numbers in each matrix.



11.	374	53	1150	
	72	2104	78	
	930	43	437	
			Total	

12.	56	212	1180	
	2910	68	84	
	476	107	65	
			Total	

**F** Multiplying and dividing large numbers.

1.  $2584 \times 6$

2.  $1694 \times 7$

3.  $8 \overline{) 4720}$

4.  $9 \overline{) 7128}$

5. How much would it cost to buy 4 bicycles?



6. How many DVD players can you buy with \$2000 and how much money do you have left over?



**E** Multiply and divide these numbers

1.  $7 \times 20 =$  \_\_\_\_\_

2.  $50 \times 4 =$  \_\_\_\_\_

3.  $40 \times 8 =$  \_\_\_\_\_

4.  $5 \times 30 =$  \_\_\_\_\_

5.  $3 \times 8 =$  \_\_\_\_\_

6.  $7 \times 6 =$  \_\_\_\_\_

7.  $9 \times 1 =$  \_\_\_\_\_

8.  $2 \times 6 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 9 = 45$

10.  $5 \times$  \_\_\_\_\_ = 50

11.  $6 \times$  \_\_\_\_\_ = 54

12. \_\_\_\_\_  $\times 7 = 35$

13. If you buy 78 books at \$5 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

14.  $160 \div 20 =$  \_\_\_\_\_

15.  $350 \div 50 =$  \_\_\_\_\_

16.  $120 \div 40 =$  \_\_\_\_\_

17.  $60 \div 30 =$  \_\_\_\_\_

18.  $8 \div 8 =$  \_\_\_\_\_

19.  $14 \div 7 =$  \_\_\_\_\_

20.  $36 \div 9 =$  \_\_\_\_\_

21.  $36 \div 6 =$  \_\_\_\_\_

22. \_\_\_\_\_  $\div 6 = 8$

23.  $56 \div$  \_\_\_\_\_ = 8

24.  $72 \div$  \_\_\_\_\_ = 9

25. \_\_\_\_\_  $\div 9 = 7$

26. If \$1024 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{1}{3}$  of \$39.

28. Find  $\frac{3}{4}$  of \$48.

29. Find  $\frac{2}{5}$  of \$40.



# Number Knowledge Worksheet

33

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

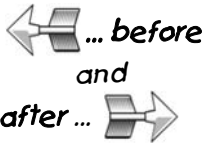
**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, 9, \_\_\_\_\_, \_\_\_\_\_, 27, 33, \_\_\_\_\_, \_\_\_\_\_, 51, \_\_\_\_\_, \_\_\_\_\_

**B** Skip counting in 7's, write the number that comes

- \_\_\_\_\_ 49 \_\_\_\_\_
- \_\_\_\_\_ 70 \_\_\_\_\_
- \_\_\_\_\_ 85 \_\_\_\_\_
- \_\_\_\_\_ 99 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 9514  $\Rightarrow$  \_\_\_\_\_
- 3327  $\Rightarrow$  \_\_\_\_\_
- 4852  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 5246  $\Rightarrow$  \_\_\_\_\_
- 3172  $\Rightarrow$  \_\_\_\_\_
- 1950  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 2735  $\Rightarrow$  \_\_\_\_\_
- 7411  $\Rightarrow$  \_\_\_\_\_
- 2650  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 989 + 461 = \_\_\_\_\_
- 896 + 735 = \_\_\_\_\_
- \_\_\_\_\_ + 458 = 1436
- 768 + \_\_\_\_\_ = 1126
- 1361 - 568 = \_\_\_\_\_
- 1423 - 867 = \_\_\_\_\_
- \_\_\_\_\_ - 995 = 318
- 1334 - \_\_\_\_\_ = 865

9. If you have \$789 and are given \$973, how much money do you now have?



= \_\_\_\_\_

10. If you have \$1375 and spend \$978, how much money do you have left?



= \_\_\_\_\_

**E** Multiply and divide these numbers

- 8 x 20 = \_\_\_\_\_
- 50 x 7 = \_\_\_\_\_
- 40 x 3 = \_\_\_\_\_
- 2 x 30 = \_\_\_\_\_
- 1 x 8 = \_\_\_\_\_
- 7 x 2 = \_\_\_\_\_
- 9 x 4 = \_\_\_\_\_
- 6 x 6 = \_\_\_\_\_
- \_\_\_\_\_ x 8 = 48
- 9 x \_\_\_\_\_ = 27
- 5 x \_\_\_\_\_ = 45
- \_\_\_\_\_ x 6 = 42
- If you buy 6 books at \$57 each, how much would it cost?

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_



Add up the numbers in each matrix.



11.	75	4320	151	12.	75	292	2640
	1207	473	35		1430	75	207
	67	750	78		213	56	84
			Total				Total

**F** Multiplying and dividing large numbers.

- 1940 x 6
- 3602 x 7
- 8 ) 5968
- 9 ) 8856

5. How much would it cost to buy 8 colour printers?



6. How many laptop computers can you buy with \$7000 and how much money do you have left over?



- 60  $\div$  20 = \_\_\_\_\_
- 400  $\div$  50 = \_\_\_\_\_
- 40  $\div$  40 = \_\_\_\_\_
- 270  $\div$  30 = \_\_\_\_\_
- 32  $\div$  8 = \_\_\_\_\_
- 49  $\div$  7 = \_\_\_\_\_
- 63  $\div$  9 = \_\_\_\_\_
- 60  $\div$  6 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  5 = 5
- 30  $\div$  \_\_\_\_\_ = 5
- 28  $\div$  \_\_\_\_\_ = 4
- \_\_\_\_\_  $\div$  8 = 10

26. If \$980 is shared by 7 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



- Find  $\frac{1}{4}$  of \$36.
- Find  $\frac{2}{3}$  of \$39.
- Find  $\frac{4}{5}$  of \$50.



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, 12, \_\_\_\_\_, \_\_\_\_\_, 33, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 68, \_\_\_\_\_, \_\_\_\_\_

**B** Skip counting in 8's, write the number that comes

- \_\_\_\_\_ 48 \_\_\_\_\_
- \_\_\_\_\_ 72 \_\_\_\_\_
- \_\_\_\_\_ 87 \_\_\_\_\_
- \_\_\_\_\_ 99 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 ⇒ 2340, 2343 ⇒ 2300, 2343 ⇒ 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 3289 ⇒ _____     | 4. 3262 ⇒ _____      | 7. 9274 ⇒ _____       |
| 2. 9313 ⇒ _____     | 5. 3409 ⇒ _____      | 8. 2749 ⇒ _____       |
| 3. 5437 ⇒ _____     | 6. 7153 ⇒ _____      | 9. 8150 ⇒ _____       |

**D** Add or subtract these numbers.

- $978 + 458 =$  \_\_\_\_\_
- $768 + 358 =$  \_\_\_\_\_
- \_\_\_\_\_ + 479 = 1346
- $698 +$  \_\_\_\_\_ = 1681
- $1611 - 944 =$  \_\_\_\_\_
- $1235 - 378 =$  \_\_\_\_\_
- \_\_\_\_\_ - 493 = 927
- $1724 -$  \_\_\_\_\_ = 746

9. If you have \$659 and are given \$576, how much money do you now have?



10. If you have \$1622 and spend \$965, how much money do you have left?



**E** Multiply and divide these numbers

- $3 \times 20 =$  \_\_\_\_\_
- $50 \times 8 =$  \_\_\_\_\_
- $40 \times 1 =$  \_\_\_\_\_
- $9 \times 30 =$  \_\_\_\_\_
- $4 \times 8 =$  \_\_\_\_\_
- $7 \times 7 =$  \_\_\_\_\_
- $9 \times 7 =$  \_\_\_\_\_
- $10 \times 6 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 7 = 35$
- $8 \times$  \_\_\_\_\_ = 64
- $9 \times$  \_\_\_\_\_ = 81
- \_\_\_\_\_  $\times 5 = 45$

13. If you buy 85 books at \$7 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_



- $20 \div 20 =$  \_\_\_\_\_
- $150 \div 50 =$  \_\_\_\_\_
- $160 \div 40 =$  \_\_\_\_\_
- $180 \div 30 =$  \_\_\_\_\_
- $56 \div 8 =$  \_\_\_\_\_
- $70 \div 7 =$  \_\_\_\_\_
- $72 \div 9 =$  \_\_\_\_\_
- $30 \div 6 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 9 = 6$
- $50 \div$  \_\_\_\_\_ = 10
- $36 \div$  \_\_\_\_\_ = 9
- \_\_\_\_\_  $\div 7 = 3$

26. If \$950 is shared by 5 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



- Find  $\frac{1}{5}$  of \$65. \_\_\_\_\_
- Find  $\frac{2}{3}$  of \$42. \_\_\_\_\_
- Find  $\frac{3}{4}$  of \$64. \_\_\_\_\_

Add up the numbers in each matrix.



54	1250	312	
75	77	66	
2381	207	830	
			Total

25	363	170	
469	1920	46	
87	56	1201	
			Total

**F** Multiplying and dividing large numbers.

- $2705 \times 6$
- $1840 \times 7$
- $8 \overline{) 2312}$
- $9 \overline{) 4212}$

5. How much would it cost to buy 5 ovens?



\$1345

6. How many lawn mowers can you buy with \$4000 and how much money do you have left over?



\$695





# Number Knowledge Worksheet

35

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

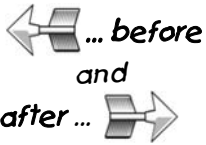
**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, 13, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 45, 53, \_\_\_\_\_, \_\_\_\_\_, 77, \_\_\_\_\_, \_\_\_\_\_

**B** Skip counting in 4's, write the number that comes

- \_\_\_\_\_ 32 \_\_\_\_\_
- \_\_\_\_\_ 44 \_\_\_\_\_
- \_\_\_\_\_ 75 \_\_\_\_\_
- \_\_\_\_\_ 99 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 7621  $\Rightarrow$  \_\_\_\_\_
- 3456  $\Rightarrow$  \_\_\_\_\_
- 1274  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 2349  $\Rightarrow$  \_\_\_\_\_
- 1783  $\Rightarrow$  \_\_\_\_\_
- 8455  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 5697  $\Rightarrow$  \_\_\_\_\_
- 7265  $\Rightarrow$  \_\_\_\_\_
- 1552  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- $278 + 962 =$  \_\_\_\_\_
- $479 + 887 =$  \_\_\_\_\_
- \_\_\_\_\_ +  $927 = 1420$
- $746 +$  \_\_\_\_\_ =  $1724$
- $1420 - 927 =$  \_\_\_\_\_
- $1724 - 978 =$  \_\_\_\_\_
- \_\_\_\_\_ -  $889 = 629$
- $1542 -$  \_\_\_\_\_ =  $646$

9. If you have \$488 and are given \$895, how much money do you now have?



= \_\_\_\_\_

10. If you have \$1437 and spend \$848, how much money do you have left?



= \_\_\_\_\_

Add up the numbers in each matrix.



11.	89	3450	481	12.	1232	85	69
	439	55	205		102	48	530
	47	31	1620		61	3500	327
			Total				Total

**F** Multiplying and dividing large numbers.

- $3698 \times 6$
- $3759 \times 7$
- $8 \overline{) 6800}$
- $9 \overline{) 3510}$

5. How much would it cost to buy 9 MP3 players?



\$145

6. How many digital cameras can you buy with \$3000 and how much money do you have left over?



\$925

**E** Multiply and divide these numbers

- $1 \times 20 =$  \_\_\_\_\_
- $50 \times 3 =$  \_\_\_\_\_
- $40 \times 1 =$  \_\_\_\_\_
- $6 \times 30 =$  \_\_\_\_\_
- $7 \times 8 =$  \_\_\_\_\_
- $7 \times 10 =$  \_\_\_\_\_
- $9 \times 8 =$  \_\_\_\_\_
- $5 \times 6 =$  \_\_\_\_\_
- \_\_\_\_\_  $\times 6 = 42$
- $7 \times$  \_\_\_\_\_ =  $49$
- $8 \times$  \_\_\_\_\_ =  $80$
- \_\_\_\_\_  $\times 9 = 45$
- If you buy 8 books at \$48 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_



- $200 \div 20 =$  \_\_\_\_\_
- $300 \div 50 =$  \_\_\_\_\_
- $200 \div 40 =$  \_\_\_\_\_
- $120 \div 30 =$  \_\_\_\_\_
- $72 \div 8 =$  \_\_\_\_\_
- $63 \div 7 =$  \_\_\_\_\_
- $18 \div 9 =$  \_\_\_\_\_
- $48 \div 6 =$  \_\_\_\_\_
- \_\_\_\_\_  $\div 8 = 5$
- $36 \div$  \_\_\_\_\_ =  $4$
- $35 \div$  \_\_\_\_\_ =  $7$
- \_\_\_\_\_  $\div 6 = 10$

26. If \$1080 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



- Find  $\frac{1}{6}$  of \$36.
- Find  $\frac{3}{5}$  of \$45.
- Find  $\frac{7}{10}$  of \$80.



# Number Knowledge Worksheet

36

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, \_\_\_\_, 24, \_\_\_\_, \_\_\_\_, 51, 60, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

**B** Skip counting in 5's, write the number that comes

1. \_\_\_\_\_ 45 \_\_\_\_\_

2. \_\_\_\_\_ 60 \_\_\_\_\_



3. \_\_\_\_\_ 79 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 98 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 5621  $\Rightarrow$  \_\_\_\_\_

2. 4805  $\Rightarrow$  \_\_\_\_\_

3. 6379  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 6137  $\Rightarrow$  \_\_\_\_\_

5. 3871  $\Rightarrow$  \_\_\_\_\_

6. 4944  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 4638  $\Rightarrow$  \_\_\_\_\_

8. 5134  $\Rightarrow$  \_\_\_\_\_

9. 2784  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $667 + 944 =$  \_\_\_\_\_

2.  $857 + 378 =$  \_\_\_\_\_

3. \_\_\_\_\_ + 889 = 1518

4.  $896 +$  \_\_\_\_\_ = 1542

5.  $1240 - 962 =$  \_\_\_\_\_

6.  $1366 - 887 =$  \_\_\_\_\_

7. \_\_\_\_\_ - 962 = 278

8.  $3000 -$  \_\_\_\_\_ = 1479

9. If you have \$497 and are given \$896, how much money do you now have?



= \_\_\_\_\_

10. If you have \$1438 and spend \$749, how much money do you have left?



= \_\_\_\_\_

**E** Multiply and divide these numbers

1.  $10 \times 20 =$  \_\_\_\_\_

2.  $50 \times 6 =$  \_\_\_\_\_

3.  $40 \times 5 =$  \_\_\_\_\_

4.  $4 \times 30 =$  \_\_\_\_\_

5.  $9 \times 8 =$  \_\_\_\_\_

6.  $7 \times 9 =$  \_\_\_\_\_

7.  $9 \times 2 =$  \_\_\_\_\_

8.  $8 \times 6 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 5 = 40$

10.  $6 \times$  \_\_\_\_\_ = 24

11.  $7 \times$  \_\_\_\_\_ = 35

12. \_\_\_\_\_  $\times 8 = 32$

13. If you buy 85 books at \$9 each, how much would it cost?



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

14.  $200 \div 20 =$  \_\_\_\_\_

15.  $500 \div 50 =$  \_\_\_\_\_

16.  $360 \div 40 =$  \_\_\_\_\_

17.  $210 \div 30 =$  \_\_\_\_\_

18.  $16 \div 8 =$  \_\_\_\_\_

19.  $56 \div 7 =$  \_\_\_\_\_

20.  $54 \div 9 =$  \_\_\_\_\_

21.  $18 \div 6 =$  \_\_\_\_\_

22. \_\_\_\_\_  $\div 7 = 6$

23.  $64 \div$  \_\_\_\_\_ = 8

24.  $81 \div$  \_\_\_\_\_ = 9

25. \_\_\_\_\_  $\div 5 = 7$

26. If \$840 is shared by 6 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{2}{3}$  of \$45.

28. Find  $\frac{3}{5}$  of \$60.

29. Find  $\frac{5}{6}$  of \$24.

**D** Add up the numbers in each matrix.



72	1455	66	
1530	89	96	
205	540	140	
			Total

92	1525	340	
78	76	202	
2740	168	68	
			Total

**F** Multiplying and dividing large numbers.

1.  $1704 \times 8$

2.  $2083 \times 9$

3.  $6 \overline{) 5616}$

4.  $7 \overline{) 6489}$

5. How much would it cost to buy 6 office chairs?



\$245

6. How many video cameras can you buy with \$5000 and how much money do you have left over?



\$1380



# Number Knowledge Worksheet

37

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

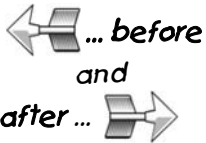
**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, \_\_\_\_, 16, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, 46, 52, \_\_\_\_, \_\_\_\_

**B** Skip counting in 9's, write the number that comes

- \_\_\_\_\_ 54 \_\_\_\_\_
- \_\_\_\_\_ 72 \_\_\_\_\_
- \_\_\_\_\_ 81 \_\_\_\_\_
- \_\_\_\_\_ 93 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 2163  $\Rightarrow$  \_\_\_\_\_
- 5629  $\Rightarrow$  \_\_\_\_\_
- 3447  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 3626  $\Rightarrow$  \_\_\_\_\_
- 3053  $\Rightarrow$  \_\_\_\_\_
- 1277  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 7823  $\Rightarrow$  \_\_\_\_\_
- 1382  $\Rightarrow$  \_\_\_\_\_
- 3768  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 493 + 927 = \_\_\_\_\_
- 746 + 978 = \_\_\_\_\_
- \_\_\_\_\_ + 495 = 1280
- 957 + \_\_\_\_\_ = 1444
- 1518 - 889 = \_\_\_\_\_
- 1542 - 646 = \_\_\_\_\_
- \_\_\_\_\_ - 944 = 667
- 4000 - \_\_\_\_\_ = 2378

9. If you have \$849 and are given \$572, how much money do you now have?



10. If you have \$1241 and spend \$984, how much money do you have left?



**E** Multiply and divide these numbers

- 5 x 20 = \_\_\_\_\_
- 50 x 10 = \_\_\_\_\_
- 40 x 7 = \_\_\_\_\_
- 7 x 30 = \_\_\_\_\_
- 2 x 8 = \_\_\_\_\_
- 7 x 8 = \_\_\_\_\_
- 9 x 6 = \_\_\_\_\_
- 3 x 6 = \_\_\_\_\_
- \_\_\_\_\_ x 9 = 63
- 5 x \_\_\_\_\_ = 40
- 6 x \_\_\_\_\_ = 60
- \_\_\_\_\_ x 7 = 63
- If you buy 4 books at \$89 each, how much would it cost?



Add up the numbers in each matrix.



11.	91	55	3430	12.	2134	75	230
	45	197	419		47	1540	96
	1630	206	96		686	98	103
			Total				Total

**F** Multiplying and dividing large numbers.

- $$\begin{array}{r} 2538 \\ \times 8 \\ \hline \end{array}$$
- $$\begin{array}{r} 1945 \\ \times 9 \\ \hline \end{array}$$
- $$6 \overline{) 4860}$$
- $$7 \overline{) 5152}$$

5. How much would it cost to buy 7 microwaves?



\$299

6. How many chairs can you buy with \$2000 and how much money do you have left over?



\$395

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

- 40  $\div$  20 = \_\_\_\_\_
- 250  $\div$  50 = \_\_\_\_\_
- 240  $\div$  40 = \_\_\_\_\_
- 90  $\div$  30 = \_\_\_\_\_
- 80  $\div$  8 = \_\_\_\_\_
- 7  $\div$  7 = \_\_\_\_\_
- 45  $\div$  9 = \_\_\_\_\_
- 24  $\div$  6 = \_\_\_\_\_
- \_\_\_\_\_  $\div$  6 = 8
- 35  $\div$  \_\_\_\_\_ = 5
- 72  $\div$  \_\_\_\_\_ = 9
- \_\_\_\_\_  $\div$  9 = 10

26. If \$1360 is shared by 8 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_



27. Find  $\frac{3}{4}$  of \$72.

28. Find  $\frac{4}{5}$  of \$75.

29. Find  $\frac{9}{10}$  of \$70.



# Number Knowledge Worksheet

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, \_\_\_\_, \_\_\_\_, 31, 39, \_\_\_\_, \_\_\_\_, 63, \_\_\_\_, \_\_\_\_, \_\_\_\_\_

**B** Skip counting in 6's, write the number that comes

- \_\_\_\_\_ 36 \_\_\_\_\_
- \_\_\_\_\_ 60 \_\_\_\_\_
- \_\_\_\_\_ 75 \_\_\_\_\_
- \_\_\_\_\_ 98 \_\_\_\_\_

← ... before and after ... →

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343 ⇒ 2340, 2343 ⇒ 2300, 2343 ⇒ 2000,

- | Round to nearest 10 | Round to nearest 100 | Round to nearest 1000 |
|---------------------|----------------------|-----------------------|
| 1. 3742 ⇒ _____     | 4. 8634 ⇒ _____      | 7. 9314 ⇒ _____       |
| 2. 2354 ⇒ _____     | 5. 1467 ⇒ _____      | 8. 3727 ⇒ _____       |
| 3. 4565 ⇒ _____     | 6. 4871 ⇒ _____      | 9. 4852 ⇒ _____       |

**D** Add or subtract these numbers.

- 629 + 889 = \_\_\_\_\_
- 896 + 646 = \_\_\_\_\_
- \_\_\_\_\_ + 962 = 1240
- 479 + \_\_\_\_\_ = 1366
- 1313 - 995 = \_\_\_\_\_
- 1334 - 469 = \_\_\_\_\_
- \_\_\_\_\_ - 495 = 785
- 5000 - \_\_\_\_\_ = 3957



- If you have \$569 and are given \$968, how much money do you now have? \_\_\_\_\_
- If you have \$1852 and spend \$956, how much money do you have left? \_\_\_\_\_

Add up the numbers in each matrix.

11.	271	2810	94		12.	1560	92	123	
	14	107	89			78	102	530	
	94	684	1260			63	2679	68	
			Total					Total	

**F** Multiplying and dividing large numbers.

- 3694 x 8
- 2867 x 9
- 6 ) 5430
- 7 ) 4613

- How much would it cost to buy 6 microscopes?  \$234
- How many colour printers can you buy with \$3000 and how much money do you have left over?  \$473

**E** Multiply and divide these numbers

- 2 x 20 = \_\_\_\_\_
- 50 x 5 = \_\_\_\_\_
- 40 x 6 = \_\_\_\_\_
- 3 x 30 = \_\_\_\_\_
- 10 x 8 = \_\_\_\_\_
- 7 x 1 = \_\_\_\_\_
- 9 x 5 = \_\_\_\_\_
- 4 x 6 = \_\_\_\_\_
- \_\_\_\_\_ x 8 = 72
- 9 x \_\_\_\_\_ = 81
- 5 x \_\_\_\_\_ = 30
- \_\_\_\_\_ x 6 = 42
- If you buy 39 books at \$7 each, how much would it cost? \_\_\_\_\_

- 180 ÷ 20 = \_\_\_\_\_
- 100 ÷ 50 = \_\_\_\_\_
- 80 ÷ 40 = \_\_\_\_\_
- 240 ÷ 30 = \_\_\_\_\_
- 48 ÷ 8 = \_\_\_\_\_
- 21 ÷ 7 = \_\_\_\_\_
- 90 ÷ 9 = \_\_\_\_\_
- 6 ÷ 6 = \_\_\_\_\_
- \_\_\_\_\_ ÷ 5 = 7
- 54 ÷ \_\_\_\_\_ = 9
- 63 ÷ \_\_\_\_\_ = 9
- \_\_\_\_\_ ÷ 8 = 7

- If \$1120 is shared by 7 people, how much money does each person get? \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_
- Find <sup>2</sup>/<sub>5</sub> of \$55. \_\_\_\_\_
- Find <sup>5</sup>/<sub>6</sub> of \$42. \_\_\_\_\_
- Find <sup>4</sup>/<sub>7</sub> of \$56. \_\_\_\_\_



# Number Knowledge Worksheet

39

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

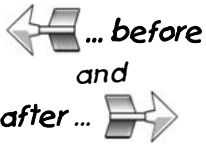
**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, \_\_\_\_, 20, 27, \_\_\_\_, \_\_\_\_, \_\_\_\_, 55, \_\_\_\_, \_\_\_\_, \_\_\_\_

**B** Skip counting in 9's, write the number that comes

- \_\_\_\_\_ 81 \_\_\_\_\_
- \_\_\_\_\_ 54 \_\_\_\_\_
- \_\_\_\_\_ 78 \_\_\_\_\_
- \_\_\_\_\_ 95 \_\_\_\_\_



**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

- 7114  $\Rightarrow$  \_\_\_\_\_
- 9327  $\Rightarrow$  \_\_\_\_\_
- 3452  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

- 9846  $\Rightarrow$  \_\_\_\_\_
- 3285  $\Rightarrow$  \_\_\_\_\_
- 1995  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

- 1742  $\Rightarrow$  \_\_\_\_\_
- 6354  $\Rightarrow$  \_\_\_\_\_
- 3565  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

- 867 + 479 = \_\_\_\_\_
- 698 + 983 = \_\_\_\_\_
- \_\_\_\_\_ + 944 = 1611
- 857 + \_\_\_\_\_ = 1235
- 1280 - 495 = \_\_\_\_\_
- 1444 - 487 = \_\_\_\_\_
- \_\_\_\_\_ - 568 = 793
- 5000 - \_\_\_\_\_ = 1867

9. If you have \$955 and are given \$796, how much money do you now have?



10. If you have \$1274 and spend \$595, how much money do you have left?



**E** Multiply and divide these numbers

- 9 x 20 = \_\_\_\_\_
  - 50 x 9 = \_\_\_\_\_
  - 40 x 2 = \_\_\_\_\_
  - 8 x 30 = \_\_\_\_\_
  - 6 x 8 = \_\_\_\_\_
  - 7 x 3 = \_\_\_\_\_
  - 9 x 10 = \_\_\_\_\_
  - 1 x 6 = \_\_\_\_\_
  - \_\_\_\_\_ x 7 = 35
  - 8 x \_\_\_\_\_ = 72
  - 9 x \_\_\_\_\_ = 54
  - \_\_\_\_\_ x 5 = 40
13. If you buy 8 books at \$54 each, how much would it cost?



Add up the numbers in each matrix.

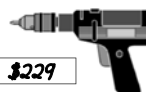


11.	1246	250	201	12.	141	22	2740
	93	36	1840		94	99	108
	84	545	14		1330	48	663
			Total				Total

**F** Multiplying and dividing large numbers.

- 1850 x 8
- 3569 x 9
- 6 ) 4572
- 7 ) 5670

5. How much would it cost to buy 6 electric drills?



6. How many ride-on mowers can you buy with \$10000 and how much money do you have left over?



- \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_
- 120  $\div$  20 = \_\_\_\_\_
  - 450  $\div$  50 = \_\_\_\_\_
  - 400  $\div$  40 = \_\_\_\_\_
  - 120  $\div$  30 = \_\_\_\_\_
  - 40  $\div$  8 = \_\_\_\_\_
  - 7  $\div$  7 = \_\_\_\_\_
  - 81  $\div$  9 = \_\_\_\_\_
  - 42  $\div$  6 = \_\_\_\_\_
  - \_\_\_\_\_  $\div$  9 = 7
  - 30  $\div$  \_\_\_\_\_ = 6
  - 60  $\div$  \_\_\_\_\_ = 10
  - \_\_\_\_\_  $\div$  7 = 10
26. If \$950 is shared by 5 people, how much money does each person get?
- \_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_
- Find  $\frac{4}{5}$  of \$60.
  - Find  $\frac{5}{7}$  of \$49.
  - Find  $\frac{7}{9}$  of \$45.





# Number Knowledge Worksheet

40

Term: \_\_\_\_\_ Week: \_\_\_\_\_ Signed when completed (teacher or parent): \_\_\_\_\_

**A** Write in the missing numbers for this number sequence, then describe how it was created.



\_\_\_\_, \_\_\_\_\_, 25, 34, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 70, \_\_\_\_\_, \_\_\_\_\_, 97, \_\_\_\_\_

**B** Skip counting in 8's, write the number that comes

1. \_\_\_\_\_ 64 \_\_\_\_\_

2. \_\_\_\_\_ 80 \_\_\_\_\_



3. \_\_\_\_\_ 93 \_\_\_\_\_

after ...

4. \_\_\_\_\_ 99 \_\_\_\_\_

**C** Round these numbers to the nearest 10, 100 or 1000.

Example: 2343  $\Rightarrow$  2340, 2343  $\Rightarrow$  2300, 2343  $\Rightarrow$  2000,

Round to nearest 10

1. 8634  $\Rightarrow$  \_\_\_\_\_

2. 7467  $\Rightarrow$  \_\_\_\_\_

3. 4871  $\Rightarrow$  \_\_\_\_\_

Round to nearest 100

4. 7327  $\Rightarrow$  \_\_\_\_\_

5. 4752  $\Rightarrow$  \_\_\_\_\_

6. 1495  $\Rightarrow$  \_\_\_\_\_

Round to nearest 1000

7. 1827  $\Rightarrow$  \_\_\_\_\_

8. 5252  $\Rightarrow$  \_\_\_\_\_

9. 2594  $\Rightarrow$  \_\_\_\_\_

**D** Add or subtract these numbers.

1.  $785 + 495 =$  \_\_\_\_\_

2.  $957 + 487 =$  \_\_\_\_\_

3. \_\_\_\_\_  $+ 568 = 1361$

4.  $556 +$  \_\_\_\_\_  $= 1423$

5.  $1346 - 479 =$  \_\_\_\_\_

6.  $1681 - 983 =$  \_\_\_\_\_

7. \_\_\_\_\_  $- 461 = 989$

8.  $5000 -$  \_\_\_\_\_  $= 3785$

9. If you have \$693 and are given \$899, how much money do you now have?



10. If you have \$1358 and spend \$369, how much money do you have left?



**E** Multiply and divide these numbers

1.  $6 \times 20 =$  \_\_\_\_\_

2.  $50 \times 2 =$  \_\_\_\_\_

3.  $40 \times 10 =$  \_\_\_\_\_

4.  $4 \times 30 =$  \_\_\_\_\_

5.  $5 \times 8 =$  \_\_\_\_\_

6.  $7 \times 1 =$  \_\_\_\_\_

7.  $9 \times 9 =$  \_\_\_\_\_

8.  $7 \times 6 =$  \_\_\_\_\_

9. \_\_\_\_\_  $\times 6 = 48$

10.  $7 \times$  \_\_\_\_\_  $= 49$

11.  $8 \times$  \_\_\_\_\_  $= 40$

12. \_\_\_\_\_  $\times 9 = 36$

13. If you buy 67 books at \$9 each, how much would it cost?

\_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_



Add up the numbers in each matrix.



630	32	53	
253	57	3460	
85	1682	209	
			Total

471	35	120	
36	3970	231	
38	85	2102	
			Total

**F** Multiplying and dividing large numbers.

1.  $2976 \times 8$

2.  $1740 \times 9$

3.  $6 \overline{)5082}$

4.  $7 \overline{)5880}$

5. How much would it cost to buy 7 telephones?



\$256

6. How many television sets can you buy with \$10000 and how much money do you have left over?



\$3750

14.  $80 \div 20 =$  \_\_\_\_\_

15.  $50 \div 50 =$  \_\_\_\_\_

16.  $280 \div 40 =$  \_\_\_\_\_

17.  $300 \div 30 =$  \_\_\_\_\_

18.  $64 \div 8 =$  \_\_\_\_\_

19.  $35 \div 7 =$  \_\_\_\_\_

20.  $27 \div 9 =$  \_\_\_\_\_

21.  $54 \div 6 =$  \_\_\_\_\_

22. \_\_\_\_\_  $\div 8 = 6$

23.  $90 \div$  \_\_\_\_\_  $= 10$

24.  $45 \div$  \_\_\_\_\_  $= 9$

25. \_\_\_\_\_  $\div 6 = 5$

26. If \$1440 is shared by 9 people, how much money does each person get?

\_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_



27. Find  $\frac{3}{7}$  of \$63.

28. Find  $\frac{5}{8}$  of \$64.

29. Find  $\frac{4}{9}$  of \$81.

Notes:

**Evaluation Copy**  
**AWS Publications Ltd**  
**All rights reserved**

Notes:

**Evaluation Copy**  
**AWS Publications Ltd**  
**All rights reserved**



Notes:

**Evaluation Copy**  
**AWS Publications Ltd**  
**All rights reserved**