Written in
$N Z$ for $N Z$

# Number knowledge 

## Mathematics

# Student Workbook 

## Book 3



Name:
Class:
Author: A. W. Stark




Note from the author:
About this resource ...

## Number Knowledge Student Workbook - Book 3 (Code: NKH3)

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 | $\begin{gathered} \text { Date } \\ \text { Completed } \end{gathered}$ | $\begin{gathered} \text { Sheet } \\ \text { Number } \\ \hline \end{gathered}$ | Completed |  | completed | $\begin{array}{\|c\|} \hline \text { Sheef } \\ \text { Nomber } \\ \hline \end{array}$ | Date Completed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  | $27$ |  | 31 |  |
| 2 |  | 12 |  | 22 | $Q^{3}$ | 32 |  |
| $3$ |  |  |  | $23$ |  | 33 |  |
| 4 | $I$ | 14 |  | 24 |  | 34 |  |
|  |  |  |  | 25 |  | 35 |  |
| 6 |  |  |  | 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 bestyou 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 bothyou and your teacher.
Good luck.

## Note to Parents / Caregivers:

You may not have found mathematics easy when you were at schoolnor do you have to be good at it. All you have to do is encourage your son daughterto do the very best he she can. We cannot ask more irom our children, than they are able to give. Try to be ealistic with your own expectations of how well youthink 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 themwork out when is the besttim to do their homework, encouraging them to establish routines. Remember they doneed 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 andencouragement 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 3

The purpose of this resource is for students to become familiar with saying and writing the numerals from 1 to 100 and counting in 1's, and skip counting 2's, 5's and 10's.

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 |  |  |  |  |
|  | - In this activity, pupils are exposed to counting forwards and backwards in 1 's and skip counting in 2's, 5's and 10's, as they write in the missing numbers. |  |  |  |  |
|  | - In this activity, pupils improve their recall of the numbers as they write the numbers that come before and after a given number either counting in 1's or skip counting in 2's, 5'sor 10's. |  |  |  |  |
|  | - In this activity, pupils learn to order 8 numbers between $1 \& 100$ from smallest to largest or vice versa. |  |  |  |  |
|  | - In this activity the first 6 questions revise the numbers that add to 9 introduced in Book 2. Questions involve adding and subtracting. Example: $1+0=\mathbf{1}, 5-3=\underline{\mathbf{2}}, 3+\mathbf{4}=\mathbf{7}, 8-5=3$ <br> - In questions 7 to 12, the combinations that add to 10 and the corresponding subtraction facts are revised. Combinations that add to to 11 to 18 and the corresponding subtraction facts are introduced. Under each group of shapes, pupils are to write an equation. <br> - Pupils are to answer each question by counting the shapes and yriting their answers in the boxes provided. $8+2=\underline{10}$ $\square$ <br> 9 $12-3=\underline{9}$ <br> - Some questions are arranged in such a way as to allow pupils to develop various strategies when solving problems, ether counting on or counting back. <br> Exampl $\square$ $+A=W A$ <br> - In questions $13 \& 14$, two of the three numbers always add to 5 or 10 respectively, hence de veloping the strategy of $5+\& 10$ <br> mple: $\underline{4}+2+\underline{1}=7$, <br> $+\underline{4}+\underline{6}$ <br> In question 15, pupils write an equation for the information given in a simple word problem, then solve the equatio <br> - In question ${ }^{16}$ pupils are to shade in one half of a group of shapes or a single shape. |  |  |  |  |
|  | Example: |  |  |  |  |
|  | - In this activity, the multiplication facts have been rearranged to provide pupils an opportunity to develop alternative solving strategies, before attempting division problems. |  |  |  |  |
|  | - In this activity numbers (numerals) are written in words and pupils are to read the number words and write the number. <br> - Pupils are exposed to 'teen' and 'ty' numbers in pairs (17 \& 71, 18 \& 81) and other numbers where the digits have been reversed ( 46 \& 64, 28 \& 82 etc.). |  |  |  |  |


| Worksheets 21 to 40 |  |
| :---: | :---: |
| Worksheet Activity | Teaching Ideas |
|  | - In this activity, pupils are exposed to counting forwards and backwards in 1's and skip counting in 2's, 5's and 10's, as they write in the missing numbers. |
|  | - In this activity, pupils improve their recall of the numbers as they write the numbers that come before and after a given number either counting in 1's or skip counting in 2's, 5's or 10's. |
|  | - In this activity, pupils learn to order 8 numbers between 1 \& 100 from smallest to largest or vice versa. |
|  | - In this activity, a number line from 0 to 20 is provided for pupils to use when solving the addition or subtraction problems, revising all number combinations from 2 to 20. <br> Example: <br> - Adding combinations less than 9, have 10 added to one number. <br> Example: 1 written as 11,2 written as 12 , etc. sothe questions become $12+5=$ ?, $3+14=$ ? etc. <br> - Within each question from 1 to 18 , the larger number is written first, allowing pupils develop the 'counting on' strategy to solve, thus moving on from imaging using shapes. <br> - In questions 25 to 26 , 2 out of the 3 numbers or 4 out of the 5 numbers addt 5 or 10 respectively, hence developing the strategy of $5+\& 10+$. <br> Example: $\underline{4}+2+\underline{1}=7,7+\underline{4}+\underline{6}=7,6+\underline{4}+3+\underline{1}+\underline{9}=$ <br> - In questions 28 \& 29, pupils write an equation for the information given in a simple word problem, then solve the equation. <br> - In questions 30 to 33 , pupils are learning to add or subtract in multiples of 10 with numbers expressed in dollars <br> Example: $\$ 20+30=\$ 50, \$ 40+\$ 50=\$ 90$, etc. |
|  | - In this activity for questions 1 to 8 the multiplication facts for 2 's, 5 's or 10 's are revised. Example $2 \times 6=\underline{12}, 5 \times 5=25,7 \times 10=70$, etc. <br> In questions 9 to 12, the muttiplication facts have been rearranged to allow pupils to develop alternative strategies when solving. <br> Example: $\underline{\mathbf{6}} \times 2=12,10 \times \underline{\underline{3}}=30$ <br> The appropriate skir counting sequences are provided. <br> Example: |
|  | In this activity, for Worksheets 21 to 30 and questions 1 to 10, the division facts for 2's, 5's and 10's are introduced. Example: $12 \div 2=\underline{\mathbf{6}}, 25 \div 5=\underline{\mathbf{5}}, 80 \div 10=\underline{\mathbf{8}}$, etc. <br> In question 11, pupils are to colour in fractions of a shape - $1 / 2^{\prime}$ 's, ${ }^{1 / 5}$ 's or ${ }^{1 / 10} 10^{\prime}$ s. <br> Example: Colour in ${ }^{11}$ io of this shape. <br> - In this activity, for Worksheets 31 to 40 and questions 1 to 4 , the division facts for 2's, 5's and 10's are revised. <br> - For questions 5 \& 6, the division facts have been rearranged to allow pupils to develop alternative strategies when solving. Example: $\underline{\mathbf{1 2}} \div 2=6,25 \div 5=\underline{\mathbf{5}}, 80 \div 10=\underline{\mathbf{8}}$, etc. <br> - In question 7, pupils are to find $1 / 2,1 / 5$ or $\frac{1}{10}$ of a given number. Example: What is $1 / 2$ of 20? <br> - In question 8 , pupils are to solve a word problem involving sharing money into $1 /{ }_{2}$ 's, ${ }^{1} / 5^{\prime}$ s or ${ }^{1} / 10_{10}$ 's. |
|  | - In this activity numbers (numerals) are written as words and pupils are to read the number words and write the number. <br> - Pupils are exposed to 'teen' and 'ty' numbers in pairs (17 \& 71, 18 \& 81) and other numbers where |



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

AWrite in the missing numbers as you count in I's.
$\mathrm{I}, \ldots, \ldots, \ldots, 5,6, \ldots, \ldots, 9, \ldots, \ldots, \ldots, 13, \ldots, \ldots, 16, \ldots, 18,19,20$

B Counting in I's, write the number that comes 4 before and after ...


D Add or subtract these numbers.
$1+0=$
4. $4-2=$
2. $6+1=$ $\qquad$ 5. $2+\quad=3$ (6.) $\quad 1=40$

> Write these numbers in order from smallest to largest.

## $\begin{array}{lllll}28 & 81 & 6 & 79 & 55\end{array}$ $\begin{array}{lllll}42 & 63 & 37 & 100 & 14\end{array}$




$$
\text { II. } \quad-
$$

12. 

- 



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

2. $4 \times 2=$ $\qquad$
3. $6 \times 2=$
$=$
4. $8 \times 2=$ $\qquad$
5. $10 \times 2=$
$F \begin{aligned} & \text { Write in the missing } \\ & \text { multiplication facts. }\end{aligned}$


$$
=
$$




Term:
Week:
Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 2's. $2, \ldots, \ldots, 8,10,12, \ldots, \ldots, \ldots, 20,22, \ldots, \ldots, 28,30, \ldots, \ldots, 36$

B | Skip counting in 2's, write the |
| :---: |
| number that comes |
| before and after ... |

D Add or subtract these numbers.

1. $8+0=$
$4.1=$
2. $1+1=$ $\qquad$
3. $2+\square=60$
Add or subtract these objects, $=5$ then write the equation

4. $3+2+3=$ $\qquad$ 14. $5+5+3=$
If you have 7 golf balls and lose 5, how many golf balls do you have left?

5. $\qquad$ - $\qquad$ $=$

Use the number me to work out the answers. Example: $2+2+2+2+2=\underline{5} \times 2=10$

$7 \times 2=$ $\times 2=$ 3. $3 \times 2=$
6. $4 \times 2=$
7. $2 \times 2=$
8. $8 \times 2=$ $9 \times 2=$ 6. $10 \times 2=$ 8. $5 \times 2=$ 10. $6 \times 2=$
Write in the missing multiplication facts.



Write these numbers in order from smallest to largest.


Skip counting and frultiplying.


Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 5's.
5,
-
, 20, 25, , —,
, 45, 50, 55,
$\qquad$ , _. ._. 75, 80, $\qquad$ , -

B
Skip counting in 5's, write the number that comes
 before and after ..

| 10 | 2 | 65 |
| :--- | :--- | :--- |
| 3 | 45 | 4 |

D Add or subtract these numbers.

1. $2+0=$
2. $3-2=$
3. $4+3=$ $\qquad$
4. $1+\ldots=5$

| 96 | 17 | 60 | 23 | 41 |
| :--- | :--- | :--- | :--- | :--- |
| 75 | 34 | 82 | 58 | 9 |

Add or subtract these object. then write the equation.



13. $4+1+2=$ $\qquad$ 14. $5+2+8=$ $\qquad$
If you have 8 cards and pick up 5, how many cards do you have?
$\qquad$
$+\quad=$



G


Write these number words as numerals.




Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 10's.
10, 20, , , _, , 60, 90, , $, \ldots, 130,140$, 170

B Skip counting in 10 's, write the


D Add or subtract these numbers.

1. $3+1=$
2. $4-3=$
3. $4+2=$ $\qquad$ 5. $4+$

$$
3=2
$$

Add or subtract these objects, then write the equation

13. $1+5+4=$ $\qquad$ 14. $4+9+1=$ $\qquad$
If you had 13 blocks and lost 9 , how many blocks do you have left?

15. $\qquad$ - $\qquad$ $=$ $\qquad$
16. Colour in half of these shapes.



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


Write in the missing numbers as you count backwards in I's.
30, $\qquad$ , —. 26, 25,
, ,
, 22, _, , , 18, _, 16, $\square$

B Counting in I's, write the number that comes
number that comes
before and after...
26

D Add or subtract these numbers.

1. $1+2=$
2. $3+3=$ $\qquad$
c

Write these numbers in order from smallest to largest.

| 12 | 68 | 97 | 43 | 29 |
| :--- | :--- | :--- | :--- | :--- |
| 80 | 35 | 71 | 4 | 56 | $80 \quad 35 \quad 71$

56

Add or subtract these objects $=5$ 2 $1 \times 5=1 \times 5=$ then write the equation.

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

9. $9 \times 5=$
F $\begin{gathered}\text { Write in the missing } \\ \text { multiplication facts. }\end{gathered}$
4. $4 \times 5=$ $\qquad$
6. $6 \times 5=$ $\qquad$
8. $8 \times 5=$ $\qquad$

10. $10 \times 5=$


| 1. $5 \times \ldots$ | $=5$ | 2.__5 $=10$ |
| ---: | :--- | :--- |
| 3. $\times 5=15$ | 4. $5 \times \ldots=20$ |  |
| 5. $5 \times \ldots$ | $=25$ | 6. $\times 5=30$ |




Term:
Week:
Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 2's.
$22, \ldots, \ldots, \ldots, 30,32,34, \ldots, \ldots, \ldots, 42, \ldots, 46, \ldots, \ldots, 52$,

B | Skip counting in 2 's, write the |
| :---: |
| number that comes |
| before and after ... |

D Add or subtract these numbers.

Write these numbers in order from smallest to largest.



Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 5 's.
5, 10 , $\qquad$ , _, 30, 35, , 55, 70, 75, 90


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

| number that comes |
| :---: |
| before and after ... |

$\left.\begin{array}{llll}20 & 2 & 15 \\
3 & 75 & 4 & 40\end{array}\right]$

D Add or subtract these numbers.

| 1. $3+2=$ | 2. $4+0=$ | 3. $3-3=$ |
| :--- | :--- | :--- |
| 4. $5-0=$ | 5. $3+\ldots$ | $=a$ | 6. $4=30$

Write these
numbers in order
from smallest to
largest.

| 92 | 2 | 47 | 78 | 21 |
| :---: | :---: | :---: | :---: | :---: |
| 36 | 65 | 89 | 13 | 50 |



Add or subtract these objects, $=5$. $10 \times 5=$
2. $3 \times 5=$ then write the equation.

$5 \times 5$
5. $6 \times 5$

$\times 5=$ | $4.4 \times 5=$ |
| :--- |
| $6.2 \times 5=$ |
| $8 \times 5=$ |
| $8 \times 5=$ |
| 8. $7 \times 5=$ |

$\qquad$

13. $3+2+4=$ $\qquad$

14. $7+6+4=$

If you have 6 golf balls and find 7 more, how many golf balls do you have?

$\qquad$
15. $+\quad=$

| Write in the missing multiplication facts. |  |
| :---: | :---: |
| $5 x=30$ | 2. $\quad \times 5=35$ |
| $\times 5=20$ | 5 |
| 5. $5 x=15$ | $\times 5$ |




Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 10's.


D Add or subtract these numbers.



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


Write in the missing numbers as you skip count in I's.
16,
, 23,
27,
30, 31,

Counting in I's, write the number that comes
B 을 before and after.

B | Counting in 's, write the |
| :---: |
| number that comes |
| before and after ... |

D Add or subtract these numbers.
$1.2+5=$
$46-4=$
2. $5+0=$
5. $5+=7$


Add or subtract these object

$$
22 \times 10=
$$ then write the equation.



$$
1 \times 10=
$$


$F \begin{gathered}\text { Write in the missing } \\ \text { multiplication facts. }\end{gathered}$
4. $4 \times 10=$ $\qquad$
3. $3 \times 10$
6. $6 \times 10=$ $\qquad$
8. $8 \times 10=$ $\qquad$
10. $10 \times 10=$


#  

Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count backwards in 2 's.
$36, \ldots, \ldots, 28, \ldots, \ldots, 22,20, \ldots, \ldots, \ldots, 12,10,8, \ldots, \ldots, 2$


D Add or subtract these numbers.



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

AWrite in the missing numbers as you skip count in 5's.

$$
\ldots, \ldots, 15, \ldots, \ldots, 35,40,45, \ldots, \ldots, 60,65, \ldots, \ldots, \ldots, 85,90
$$

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

| 1. | 25 | 2. | 50 |
| :---: | :---: | :---: | :---: |
| 3. | 70 | 4. | 85 |

D Add or subtract these numbers.

1. $1+7=$
2. $9-2=$
3. $6+3=$ $\qquad$
4. $7+\ldots=9$

Add or subtract these object then write the equation.

I.
$\qquad$ $=$ $\qquad$ 12. $\qquad$ - $\qquad$ $=$ $\qquad$
13. $1+4+9=$ $\qquad$ 4. $2+8+3=$

If you ate 3 grapes and then 7 more, how many grapes did you eat?
15. $\qquad$ $+\quad=$ $=$ $\qquad$

numbers in order from smallest to largest.
Write these
numbers in order
from smallest to
largest.

Skip counting an multiplying.
Use the numberline to work out the answers. Example: $10+10+10+10+10=\underline{5} \times 10=50$


| 17 | 76 | 44 | 34 | 25 |
| :--- | :--- | :--- | :--- | :--- |
| 68 | 92 | 9 | 88 | 51 |



Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 10 's.
$\ldots, \ldots, 30, \ldots, \ldots, \ldots, 70,80,90, \ldots, \ldots, \ldots, 130,140,150, \ldots, \ldots$


D Add or subtract these numbers.



Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you count in I's.
$31,32, \ldots, \ldots, \ldots, 36, \ldots, \ldots, 39,40, \ldots, \ldots, \ldots, 44,45, \ldots, \ldots, 48$
Counting in I's, write the number that comes
陣 before and after ..

| 1. | 29 | 2 | 48 |
| :--- | :--- | :--- | :--- |
| 3 | 34 | 4 | 40 |

D Add or subtract these numbers.

1. $5+3=$
2. $8-5=$
3. $4+4=$ $\qquad$
4. $4+\quad=9$
5. 

10 $2=$
$6=4$

Write these numbers in order from smallest to largest.
Write these
numbers in order
from smallest to
largest.

| 50 | 4 | 99 | 38 | 85 |
| :---: | :---: | :---: | :---: | :---: |
| 41 | 77 | 21 | 62 | 15 |

$\qquad$
$\qquad$


1) $5 \times 2=$
$22 \times 9=$


$$
\text { 12. }-\quad-
$$

4. $5+5+2=$
$=$

If you have $\$ 7$ and are given $\$ 8$, how much money do you have?

15. $\qquad$ $+\quad=$ $\qquad$
16. Colour in half of these shapes.


# O. $\int_{0}^{+\infty}$  <br> 14 

Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 2's. $42,44, \ldots, \ldots, 50,5$ , —— _ 60 60, _, _, 66, 68,

Write these numbers in order from largest to smallest.

B Skip counting in 2's, write the before and after ...


$$
\begin{array}{ll}
2 . & 48 \\
4 & 66
\end{array}
$$

D Add or subtract these numbers.

1. $4+6=$
2. $9-5=$
3. $7+1=$ $\qquad$ 3. 8

4. $8+\quad=10$

$$
-7=3
$$

Add or subtract these objects, then write the equation + + $=5$

3. $5 \times 9=$
5. $2 \times 5=$
7. $5 \times 10=$
9. $6 \times 5=$
$5 \times 5=$
6. $3 \times 5=$
8. $5 \times 8=$

Write in the missing multiplication facts.




Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count backwards in 5 's.
80,
, 60,
30, 25, , 5

B Skip counting in 5 's, write the number that comes 을 before and after ...

1. 80
2. 55
3. $\quad 15$ $\qquad$ 4. $\qquad$ 30
D Add or subtract these numbers.
4. $2+7=$
5. $6+4=$ $\qquad$ 3. $9-4=$ $=-$
$=9$

Add or subtract these object then write the equation.


$$
\begin{aligned}
& \text { 11. }-\square= \\
& \text { 13. } 5+3+5=
\end{aligned}
$$

$$
{ }^{12 .}
$$

$$
-
$$

$$
=
$$

$\qquad$
4. $1+8+2=$

If you have 9 toy cars and buy 7 more, how many toy cars do you have?
15. $\qquad$ $+\quad=$ $=$

$10 \times 3=$

1. $7 \times 10=$ $\qquad$

2. $6 \times 10=$ $\qquad$
3. $10 \times 8=$
$=$
4. $10 \times 10=$ $\qquad$
5. $10 \times 2=$



#  <br>  <br>  <br> 16 

Term:
Week:
Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 10 's.
$10,20, \ldots, \ldots, 50,60$,
, 100
, 130,
, 170

B Skip counting in 10 's, write the number that comes

| 1. | 140 | 2. | 5 |
| :---: | :---: | :---: | :---: |
| 3. | 90 | 4. | 170 |

D Add or subtract these numbers.



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you count in l's.

$$
46,47, \ldots, \ldots, \ldots, 51, \ldots, \ldots, 54,55
$$

$\qquad$
$\square$
B Counting in l's, write the number that comes宽 before and after... 目

| 1. | 50 | 2 |
| :--- | :--- | :--- |
| 35 | 4 |  |

D Add or subtract these numbers.

1. $7+0=$
2. $9-9=$
3. $3+7=$
4. $8+\quad=9$

numbers in order from smallest to largest.


Add or subtract these object. then write the equation.



13. $7+4+6=$ $\qquad$

$$
\text { 12. }-
$$

14. $7+6+3=$

If you have 9 golf balls and find 5 more, how many golf balls do you have?

16. Colour in half of this shape.

$\square$

Skip counting an multiplying.
Use the numberline to work out the enswers. Example: $5+5+5+5+5+5=\underline{6} \times 5=30$



Term:
Week:
Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 2 's.
62, _, , , 68, , —, .,


D Add or subtract these numbers.



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 5 's.
5,10, , _. , 25, 30,
50, 55,
, 65,

Write these numbers in order from smallest to largest.

| 11 | 48 | 60 | 81 | 28 |
| :---: | :---: | :---: | :---: | :---: |
| 94 | 75 | 6 | 55 | 30 |



D Add or subtract these numbers.

1. $0+10=$
2. $9+1=$ $\qquad$ 3. $10-4=$

 $=10$ (6) $-6=40$


1 $8 \times 5=$
2 $5 \times 3=$

4. $1 \times 5=$ $\qquad$
6. $5 \times 5=$
$=$
8. $2 \times 5=$ $\qquad$

$F \begin{aligned} & \text { Write in the missing } \\ & \text { multiplication facts. }\end{aligned}$



#  

Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count backwards in 10 's. $170,160,150, \ldots, \ldots, \ldots, 110, \ldots, \ldots, \ldots, 70, \ldots, \ldots, 40, \ldots, \ldots, 10$


D Add or subtract these numbers.

1. $7+3=$
2. $10-9=$
3. $9+0=$ $\qquad$ 3. $9 \cap 7=$
$=$
$=2$
Add or subtract these objects, then write the equation



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you count in l's.
45 ,
__,_—,
, _. 49 .

- , _ ., -., 53, 54, _, _, _, , , 59 ,

B
Counting in I's, write the number that comes before and after ...


Write these numbers in order from smallest to largest.

| 17 | 78 | 59 | 91 | 30 |
| :--- | :--- | :--- | :--- | :--- |
| 82 | 65 | 26 | 4 | 43 |


| 1. 25$\quad$2 <br> 3$\quad 19$ | 47 |
| :--- | :--- | :--- |
| 90 |  |

D Adding or subtracting numbers. Example: $12+4=16$


$$
5+3+4+7+5=
$$

$\qquad$
If you have $\$ 9$ and are given 4 , now much money do you have
$\qquad$ $+$ $\qquad$ $=$


If you have 16 golf balls and lose 7, how many golf balls do you have left?
29. $\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$

30. $\$ 10+\$ 30=\square |$| 31. $\$ 40+\$ 20=$ |
| :--- |
| 32. $+\$ 20=\$ 40$ | 33. $\$ 30+\ldots=\$ 50$



Write these number words as numerals.
twenty-five
2. fifty-two $\Rightarrow$
3. seventeen $\Rightarrow$
4. seventy-one $\Rightarrow$

## 

Term:
Week:
Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 2 's.
30,
, 40, 42,
50,
58,

B Skip counting in 2's, write the综 number that comes



D Adding or subtracting numbers. Example: $12+4=16$

A5

If you had i4 blocks and lost 5, how many blocks do you have left?
29. $\qquad$ - $\qquad$


Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$
30. $\$ 40+\$ 10=$ $\qquad$ 3. $\$ 20+\$ 50=$
33. $\$ 10+=\$ 50$
$\square$


| 93 | 8 | 51 | 76 | 27 |
| :---: | :---: | :---: | :---: | :---: |
| 32 | 69 | 15 | 80 | 44 |

 Write in the missing
division facts



Term: Week:

Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 5's.

$$
\ldots, \ldots,, 20,25, \ldots, \ldots, \ldots, 50, \ldots, 60, \ldots, \ldots, 75,
$$

B
Skip counting in 5 's, write the number that comes before and after .. 슬

| . | 15 |  |
| :---: | :---: | :---: |
| 3. | 40 | 4 |

D Adding or subtracting numbers. Example: $12+4=16$

$\qquad$
$\qquad$ $+$

If you have 17 lollies and give away 9 , how many lollies do you have left?
$\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$
30. $\$ 30+\$ 10=$ $\qquad$
32. $\quad+\$ 20=\$ 50$
3. $\$ 10+\$ 50=$
33. $\$ 40+$ $\qquad$


G | Write these number |
| :---: | :---: |
| words as numerals. |,



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 10 's.
10,
, _—,
, 50, $\qquad$ , _ , , _. . 100, 110, , 150, 160,

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

| 1. | 30 | 2. |
| :---: | :---: | :---: |
| 3. | 70 |  |

D Adding or subtracting numbers. Example: $12+4=16$


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

AWrite in the missing numbers as you count backwards in l's. 70, _, _, _, 66,

B
Counting in I's, write the number that comes before and after ...
 s星
$\qquad$目

| 48 | 2 |  |
| :--- | :--- | :--- |
| 3. | 29 |  |
| 80 | 4 | 62 |

D Adding or subtracting numbers.


## $+$

$\qquad$ If you have 17 bisc uits and eat 9 , how many biscuits do you have left?
29. $\qquad$ - $\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$

30. $\$ 10+\$ 60=$ $\qquad$ 3. $\$ 70+\$ 20=$
33. $\$ 50+$ $\qquad$ $=\$ 70$

Write these numbers in order from smallest to largest.

59 55


Multiplying by 25,5 or 10 's.

(6) $10=$ $\qquad$ $2 \times 3=$ $5 \times 9=$ 2 $\times 10=$ $\qquad$


1. $30 \div 5=$
2. $16 \div 2=$
3. $60 \div 10=$
4. $30 \div 10=$
5. $50 \div 5=$
6. $20 \div 5=$
7. $6 \div 2=$
8. $80 \div 10=$
9. $80 \div$
10. $45 \div 5=$

Colour in $1 / 5$ of this shape.

|  |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |

G | Write these number |
| :---: | :---: |
| words as numerals. |,

Write these number words as numerals.

# 笨 

Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 2 's.

## __, , , , , 46, 48, <br> Skip counting in 2's, write the number that comes -是 $\begin{gathered}\text { number that comes } \\ \text { before and after ... }\end{gathered}$

$\qquad$ , $\qquad$ 58, 60, $\qquad$

| 16 | 2 |
| :--- | :--- |
| 3 | 22 |
| 4 | 4 |

$\left.\begin{array}{c}\text { Write these } \\ \begin{array}{c}\text { numbers in order } \\ \text { from largest to } \\ \text { smallest. }\end{array}\end{array} \begin{array}{cccccc}69 & 20 & 12 & 54 & 96 \\ 48 & 75 & 33 & 4 & 87\end{array}\right]$

D Adding or subtracting numbers. Example: $12+4=16$



AWS


Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 5 's.
5,10 , , - , 35,
, 45, , 65, , 85,90

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

| number that comes |
| :--- |
| before and after ... |$+80$

20

D Adding or subtracting numbers.
28. $\qquad$ $+$ $\qquad$ $=$ $\qquad$ If you had 16 blocks and lost 8 , how many blocks do you have left?
29. $\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$

30. $\$ 20+\$ 60=\square$
3. $\$ 50+\$ 40=$ $\qquad$
33. $\$ 30+\ldots=\$ 70$

Write these numbers in order from smallest to largest.


Multiplying by 25,5 s or 10 's.

1. $\quad 2$ 's: $\quad 2,4,6,8,10,12,14,16,18,20$
 18 25. $\quad 2,4,6,8,10,12,14,16,18,20$ 5 Io's: $10,20,30,40,50,60,70,80,90,100$

(9) $2=$ $\qquad$ 2. $5 \times 5=$ $10 \times 4=$ $7 \times 2=$ $\qquad$ | 5. |
| :---: |
| 7. |
|  |
| 11. |

6. $10 \times 9=$
7. $2 \times 5=$
8. $5 \times=50$
$\qquad$ $=50$
$\left.\begin{aligned} & 8 \times 5= \\ & 2 \times 10= \\ & \times 2=10 \\ & 10 \times \ldots\end{aligned}\right|_{\text {8. }} ^{8.2} 10$
$8 \times 5=$
$2 \times 10=$
$\times 2=10$
$10 \times \ldots$ $\begin{aligned} & \text { 8. } \\ & 2.2\end{aligned}$
$8 \times 5=$
$2 \times 10=$
$\times 2=10$
$10 \times \ldots$ $\begin{aligned} & \text { 8. } \\ & 2 \times 2\end{aligned}$ $\times 2=2$ कर
9. $25 \div 5$
10. $14 \div 2$
11. $20 \div 10$
12. $40 \div 5$
13. $10 \div 2$$\quad$| 2. $90 \div 10=$ |
| :--- |
| 4. $15 \div 5=$ |
| 6. $2 \div 2=$ |
| 8. $40 \div 10=$ |
| 1. $30 \div 5=$ |

Colour in $1 / 2$ of this shape.

|  |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |


| $G$ | Write these number words as numerals. | $6 x=1$ |
| :---: | :---: | :---: |
| 1. | nineteen | $\Rightarrow$ |
| 2. | forty-three | $\Rightarrow$ |
| 3. | ninety-one | $\Rightarrow$ |
| 4. | thirty-four | $\Rightarrow$ |



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 10's.


D Adding or subtracting numbers. Example: $12+4=16$


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

AWrite in the missing numbers as you count in I's.
65, . . . 68,69 , $\qquad$ , _, _, 73 , 73,

| 56 | 9 | 70 | 83 | 35 |
| :---: | :---: | :---: | :---: | :---: |
| 24 | 92 | 18 | 49 | 67 |

D Adding or subtracting numbers. Example: $12+4=16$


Write these
numbers in order
from smallest to
largest. Write these
numbers in order
from smallest to
largest. Write these
numbers in order
from smallest to
largest. Write these
numbers in order
from smallest to
largest.

C , 76,



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count backwards in 2 's.
80,
, 72, _,
62, _, 58, 50

B Skip counting in 2's, write the准 before and after ...

1. 36 2. $\quad 24$ ${ }^{3 .}$

D Adding or subtracting numbers. Example: $12+4=16$


> Write these numbers in order from largest to smallest.

If you have 8 toy cars ar d buy 8 more, how many toy cars do you have?
28. $\qquad$
If you have 12 bisc uits and eat 8 , how many biscuits do you have left?
29. - $=$ $\qquad$
31. $\$ 30+\$ 50=$
33. $\$ 60+$
$=\$ 80$

## $\begin{array}{lllll}77 & 10 & 55 & 90 & 40\end{array}$ $3184 \quad 6 \quad 61 \quad 25$

Multiplying by 2 's, 5 's or 10 's.

$\square$

Write in the missing division facts

1. $14 \div 2=+$| 2. $15 \div 5=$ |
| :--- |
| 3. $70 \div 10=$ |
| 5. $40 \div 5=$ |
| 7. $10 \div 2 \div 2=$ |
| 4. $20 \div 10=$ |
| 4. $90 \div 10=$ |
| 8. $30 \div 5=$ |
| 1. $16 \div 2=$ |
2. Colour in $1 / 2$ of this shape.

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| - |  |  |  |  |

G | Write these number |
| :---: | :---: |
| words as numerals. |,

Term:
Week:
Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 5's.

$$
\ldots, \ldots, \ldots, 25,30, \ldots, \ldots, \ldots, 50, \ldots, \ldots, 70, \ldots,
$$

$B$ skip counting in 5 's, write the number that comes诸 before and after..





Write these numbers in order from smallest to largest.

| 30 | 2 | 75 |
| :--- | :--- | :--- |
| 3. | 35 | 4 |$\quad 10$

D Adding or subtracting numbers. Example: $12+4=16$


If you have $\$ 7$ and are given $\$ 9$ how much money do you ha If you have 13 golf balls and lose 8 , how many golf balls do you have left?
29. $\qquad$ $=$


Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$
 --
30. $\$ 80+\$ 10=\ldots$ 32. $\$ 40+\$ 40=\square$


Multiplying by 25,5 or 10 's.


F Write in the missing | division facts |
| :---: |

1. \(40 \div 10=+\quad\left|\begin{array}{l}2.6 \div 2= <br>
3. 50 \div 5= <br>

5. \div 2=7\end{array}\right|\)| 4. $100 \div 10=$ |
| :--- |
| 6 |

7. What is $1 / 10$ of 50 ?
8. If $\$ 10$ is shared between 2 people, how much money does each person get?

$$
\div \quad=
$$



Write these number words as numerals.


| twenty-six | $\Rightarrow$ |
| :--- | :--- |
| eighty-one | $\Rightarrow$ |
| eighteen | $\Rightarrow$ |
| sixty-two | $\Rightarrow$ |

## 5

Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 10 's. $10, \ldots, \ldots, 40, \ldots, \ldots, \ldots, 80, \ldots, \ldots, \ldots, 130, \ldots, \ldots, 160$,


D Adding or subtracting numbers. Example: $12+4=16$



Term:
Week:
Signed when completed (teacher or parent):
A write in the missing numbers as you count in l's. $75, \ldots, \ldots, 78, \ldots, \ldots, \ldots, 82, \ldots, \ldots, \ldots, 87,88$,
c
B Counting in l's, write the number that comes before and after ...院 89

| 1. | 89 | 2 |
| :--- | :--- | :--- |
| 39 | 60 |  |
| 33 | 4 | 41 | C $\begin{gathered}\text { Write these } \\ \text { numbers in order } \\ \text { from smallest to } \\ \text { largest. }\end{gathered}$



D Adding or subtracting numbers. Example: $12+4=16$



If you have 15 lollies and give away 7 , how many lollies do you have left?
29. $\qquad$ $=$


Write these number words as numerals.


Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$

30. $\$ 10+\$ 70=\square \left\lvert\,$| 31. $\$ 80+\$ 20=$ |
| :--- |
| 32. $+\$ 40=\$ 60$ | | 33. $\$ 50+\ldots$ |
| :--- |\right.

sixty-three $\quad \Rightarrow$

| fifteen | $\Rightarrow$ |
| :--- | :--- |
| fifty-one | $\Rightarrow$ |
| thirty-six | $\Rightarrow$ |

## O. $\int_{0}^{+\infty}$

Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 2 's.


D Adding or subtracting numbers. Example: $12+4=16$



Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count backwards in 5 's.


D Adding or subtracting numbers. Example: $12+4=16$


If you have 9 toy cars and bux 7 more, how many toy cars do yo have?
28. $+$ $\qquad$

If you have 13 bisc uits and eat 5 , how many bisc uits do you have left?
29. $\qquad$ $=$



Write these number words as numerals.

| 1. | seventy-five | $\Rightarrow$ |
| :--- | :---: | :--- |
| 2. | ninety-one | $\Rightarrow$ |
| 3. | nineteen | $\Rightarrow$ |
| 4. | fifty-seven | $\Rightarrow$ |

AWS


Term: Week: Signed when completed (teacher or parent):
A Write in the missing numbers as you skip count in 10 's.
_ , __, 40, _,
, 90, 120, , 160

B
Skip counting in 10 's, write the number that comes官 $\begin{gathered}\text { number that comes } \\ \text { before and after ... }\end{gathered}$

| 1. $\quad 40$ | 2 <br> 3.$\quad$40$\quad 120$ |
| :--- | :--- | :--- |

D Adding or subtracting numbers. Example: $12+4=16$



If you have 14 golf balls and lose 5, how many golf balls do you have left?
29. $\qquad$ - $\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$

30. $\$ 20+\$ 70=$ $\qquad$ 31. $\$ 80+\$ 20=$
33. $\$ 40+$ $\qquad$

> Write these numbers in order from largest to smallest.

| 80 | 49 | 87 | 44 | 82 |
| :--- | :--- | :--- | :--- | :--- |
| 86 | 47 | 46 | 88 | 40 |

Multiplying by 2's, 5 's or 10 's.

| 2's: | $2,4,6,8,10,12,14,16,18,20$ |
| :--- | :--- | :--- |
| 5's: | $5,10,15,20,25,30,35,40,45,50$ |
| 10 : | $10,20,30,40,50,60,70,80,90,100$ |

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

AWrite in the missing numbers as you count in l's.
85, , —.
88, , _ , , —. 92 92 97,
$\qquad$
2. 83


D Adding or subtracting numbers.
Example: $12+4=16$

## $G$

Write these number words as numerals.

1.
2.
3.
4.

## $\begin{array}{lllll}57 & 35 & 51 & 34 & 55\end{array}$ $\begin{array}{lllll}38 & 53 & 31 & 39 & 50\end{array}$

28. $\qquad$ $+$ $\qquad$ If you had 18 blocks and lost 9 , how many


If you have 8 cards an dpick uo 6, how many cards do you have blocks do you have left?
29. $\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$


$$
\begin{aligned}
& \text { 30. } \$ 50+\$ 10= \\
& \text { 32. } \quad \$ 10+\$ 90= \\
& \hline 30=\$ 90
\end{aligned} \begin{aligned}
& \text { 33. } \$ 70+\ldots=\$ 100
\end{aligned}
$$

Write these numbers in order from smallest to largest.

C | Write these |
| :---: |
| numbers in order |
| from smallest to |
| largest. |

Multiplying by 25,5 or 10 's.


| Write in the missing division facts |  |
| :---: | :---: |
| 1. $20 \div 10=$ | 2. $10 \div 2$ |
| 3. $15 \div 5=$ | 4. $90 \div 10$ |
| 5. $\div 2=8$ | 6. $\div$ |

7. What is $1 / 10$ of 70 ?
8. If $\$ 18$ is shared between 2 people, how much money does each person get?

$$
\div \quad=
$$



B Counting in I's, write the number that comes before and after ...
B易

AWS DO NOT PHOTOCOPY THIS PAGE


Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 2's.


D Adding or subtracting numbers. Example: $12+4=16$


Term:
Week:
Signed when completed (teacher or parent):
A write in the missing numbers as you skip count in 5 's.


If you have 3 golf balls and find 9 more, how many golf balls do you have:

$\qquad$ $=$
i. If you have $\$ 17$ and spend $\$ 8$, how much money do you have left?
29. $\qquad$ - $\qquad$ $=$ $\qquad$
Adding money. Example: $\$ 20+\$ 50=\$ 70$ or $\$ 60+\$ 20=\$ 80$

| 30. $\$ 50+\$ 20=$ | $\left.\begin{array}{l}\text { 31. } \$ 20+\$ 80= \\ \text { 32. }+\$ 40=\$ 90\end{array} \begin{array}{l}\text { 33. } \$ 90+\ldots\end{array}\right) \$ 100$ |
| ---: | :--- | :--- |

Multiplying by 2 s, 53 or 10 's.

$1 * \quad 2$ 's: $\quad 2,4,6,8,10,12,14,16,18,20$

division facts

1. $50 \div 5=+$
2. $12 \div 2=-100 \div 10=$
3. $\div 5=7$$|$| $2.100 \div 5=$ |
| :--- |
| 4.20 |
| $6 . \quad \div 10=5$ |
4. What is $1 / 5$ of 45 ?
5. If $\$ 70$ is shared by 10 people, how much money does each person get?

$$
\div \quad=
$$



## G

Write these number words as numerals.

fifty-eight
2. thirteen $\Rightarrow$
3. eighty-five $\Rightarrow$
4.

D Adding or subtracting numbers.


Example: $12+4=16$


Term: Week: Signed when completed (teacher or parent):
A write in the missing numbers as you skip count backwards in 10 's.


D Adding or subtracting numbers. Example: $12+4=16$





