

Written in  
NZ for NZ

# Help Me at HOME Series



Data Projector version of ... **Book 7 (AH7a)**

## 40x Number Knowledge Worksheets

This resource supports the  
Numeracy Professional Development Project  
Stages 6 to 8

This resource unit has been supplied on the understanding that copies of any part of this resource will not be given or sold to teachers or students from other schools or institutions.



Information about what is covered within this resource ... 

Click on the worksheet number you require ...

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





**The following activities are covered in worksheets 1 to 10:**

- **Read** and **write** numbers while **skip counting** in **3's, 4's, 5's, 6's, 7's, 8's** and **9's** in a **forward** or **backward** sequence.

*Example:* 7, 14, 21, \_\_\_\_, 35, \_\_\_\_, 49, \_\_\_\_, 63, \_\_\_\_, 77, 84, \_\_\_\_, 98, \_\_\_\_ etc.

- **Skip counting** in **3's, 4's, 5's, 6's, 7's, 8's** and **9's** **write** the number that comes **after**, **before** or **between** the given numbers.

*Example:* after 18, \_\_\_\_, before \_\_\_\_, 36 between 54, \_\_\_\_, 66

- **THIRTY** activities involving ...
- Ordering whole numbers or decimals, adding numbers in a matrix, exploring place value in whole numbers and decimals, rounding whole numbers or decimals to the nearest 10, 100, 1000 or 10th and finding estimated answers, finding a fraction of a group of shapes and of a whole number, multiplying and dividing large numbers and decimals, converting between commonly used fractions, decimals and percentages, finding a percentage of a whole number, finding the square or square root of a number, adding and subtracting integers and simple word problems.



- Using 3 digit numbers, revise the number **combinations that add up to and include 18**, including subtraction combinations, by using appropriate **number strategies**.

*Example:*  $244 + 142 = \underline{\quad}$ ,  $425 + \underline{\quad} = 387$ ,  $495 - 276 = \underline{\quad}$ ,  $935 - \underline{\quad} = 493$

- Revise the **3x, 4x, 5x, 6x, 7x, 8x** and **9x multiplication / division facts**.

*Example:*  $9 \times 2 = \underline{\quad}$ ,  $7 \times 3 = \underline{\quad}$ ,  $3 \times \underline{\quad} = 21$  and  $35 \div 5 = \underline{\quad}$



**The following activities are covered in worksheets 11 to 20:**

- **SEVENTY-TWO activities involving ...**
  - skip counting in multiples, stating numbers that come before after or between given numbers;
  - ordering whole numbers or decimals;
  - writing decimals as number words;
  - adding numbers in a matrix;
  - exploring place value using money, whole numbers and decimals,
  - rounding numbers to the nearest 10, 100, 1000, 10th or 100th and finding estimated answers;
  - finding a fraction of a group of shapes, a whole number or a decimal;
  - converting between improper fractions and mixed numbers;
  - multiplying and dividing large numbers and decimals;
  - order of operations, BEDMAS;
  - converting between commonly used fractions, decimals and percentages;
  - finding a percentage of a whole number;
  - finding the square or square root of a number;
  - adding and subtracting integers;
  - simple word problems.



- Using 3 digit numbers, revise the number **combinations that add up to and include 18**, including subtraction combinations, by using appropriate **number strategies**.

*Example:*  $562 + .86 = \underline{\quad}$ ,  $389 + \underline{\quad} = 723$ ,  $562 - 296 = \underline{\quad}$ ,  $915 - \underline{\quad} = 373$

- Revise the **4x**, **6x**, **7x**, **8x** and **9x** multiplication / division facts.

*Example:*  $9 \times 8 = \underline{\quad}$ ,  $7 \times 6 = \underline{\quad}$ ,  $8 \times \underline{\quad} = 56$  and  $54 \div 9 = \underline{\quad}$



**The following activities are covered in worksheets 21 to 30:**

- **SEVENTY-TWO activities involving ...**
  - skip counting in multiples, stating numbers that come before after or between given numbers;
  - writing decimals as number words and number words as decimals;
  - writing decimals as number words;
  - adding numbers in a matrix;
  - exploring place value using money, whole numbers and decimals,
  - rounding numbers to the nearest 10, 100, 1000, 10th or 100th and finding estimated answers;
  - finding a fraction of a group of shapes, a whole number or a decimal;
  - creating equivalent fractions;
  - converting between improper fractions and mixed numbers;
  - multiplying large numbers or decimals and multiplying by 10, 100 or 1000;
  - dividing large numbers or decimals and dividing by 10, 100 or 1000;
  - order of operations, BEDMAS;
  - converting between commonly used fractions, decimals and percentages;
  - finding a percentage of a whole number or decimal;
  - finding the square or square root of a number;
  - adding and subtracting integers;
  - solving equations;
  - simple word problems.



- Using 3 digit numbers, revise the number **combinations that add up to and include 18**, including subtraction combinations, by using appropriate **number strategies**.

*Example:*  $562 + .86 = \underline{\quad}$  ,  $389 + \underline{\quad} = 723$  ,  $562 - 296 = \underline{\quad}$  ,  $915 - \underline{\quad} = 373$

- Revise the **4x**, **6x**, **7x**, **8x** and **9x** multiplication / division facts.

*Example:*  $9 \times 8 = \underline{\quad}$  ,  $7 \times 6 = \underline{\quad}$  ,  $8 \times \underline{\quad} = 56$  and  $54 \div 9 = \underline{\quad}$





**The following activities are covered in worksheets 31 to 40:**

- **SEVENTY-TWO activities involving ...**
  - skip counting in multiples, stating numbers that come before after or between given numbers;
  - writing decimals as number words and number words as decimals;
  - writing decimals as number words;
  - adding numbers in a matrix;
  - exploring place value using money, whole numbers and decimals,
  - rounding numbers to the nearest 10, 100, 1000, 10th or 100th and finding estimated answers;
  - finding a fraction of a group of shapes, a whole number or a decimal;
  - creating equivalent fractions;
  - converting between improper fractions and mixed numbers;
  - multiplying large numbers or decimals and multiplying by 10, 100 or 1000;
  - dividing large numbers or decimals and dividing by 10, 100 or 1000;
  - order of operations, BEDMAS;
  - converting between commonly used fractions, decimals and percentages;
  - finding a percentage of a whole number or decimal;
  - finding the square or square root of a number;
  - adding and subtracting integers;
  - solving equations;
  - simple word problems.



- Using 3 digit numbers, revise the number **combinations that add up to and include 18**, including subtraction combinations, by using appropriate **number strategies**.

*Example:*  $574 + 142 = \underline{\quad}$ ,  $355 + \underline{\quad} = 890$ ,

$968 - 531 = \underline{\quad}$ ,  $974 - \underline{\quad} = 695$

- Revise the **4x, 6x, 7x, 8x** and **9x multiplication / division facts**.

*Example:*  $8 \times 5 = \underline{\quad}$ ,  $7 \times \underline{\quad} = 56$ ,  $\underline{\quad} \times 9 = 45$ ,

$24 \div 4 = \underline{\quad}$ ,  $48 \div \underline{\quad} = 6$ ,  $\underline{\quad} \div 7 = 6$

- (1) Write in the missing numbers as you skip count in 3's.



3, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 18, \_\_\_\_\_, \_\_\_\_\_,  
27, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 39, \_\_\_\_\_, 45, 48, 51

- (2) Skip counting in 5's, write the number that comes after ...

65, \_\_\_\_\_      40, \_\_\_\_\_      105, \_\_\_\_\_

- (3) Write these numbers in order from largest to smallest.  
Underline the odd numbers.



838  
2.93  
0.429  
27.13  
0.045

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

1a

1b

1c

1d

1a

1b

1c

1d

- (4) **Multiplying large numbers.**

$$\begin{array}{r} 589 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ \times 9 \\ \hline \\ \hline \end{array}$$

- (5) **Round these numbers to the nearest 10.**

$728 = \underline{\hspace{2cm}}$

$587 = \underline{\hspace{2cm}}$

$243 = \underline{\hspace{2cm}}$

$675 = \underline{\hspace{2cm}}$

Add and subtract these numbers.

(6)  $463 + 115 = \underline{\quad}$

(11)  $578 - 463 = \underline{\quad}$

(7)  $479 + 209 = \underline{\quad}$

(12)  $688 - 209 = \underline{\quad}$

(8)  $175 + 392 = \underline{\quad}$

(13)  $567 - 175 = \underline{\quad}$

(9)  $\underline{\quad} + 464 = 713$

(14)  $713 - \underline{\quad} = 249$

(10)  $358 + \underline{\quad} = 777$

(15)  $\underline{\quad} - 564 = 158$

1a

1b

1c

1d

**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 10 = \underline{\quad}$

(21)  $21 \div 3 = \underline{\quad}$

(17)  $4 \times 5 = \underline{\quad}$

(22)  $40 \div 5 = \underline{\quad}$

(18)  $9 \times 6 = \underline{\quad}$

(23)  $27 \div 9 = \underline{\quad}$

(19)  $7 \times \underline{\quad} = 7$

(24)  $35 \div \underline{\quad} = 7$

(20)  $\underline{\quad} \times 8 = 72$

(25)  $\underline{\quad} \div 8 = 10$

1a

1c

1c

1d



- (1) Write in the missing numbers as you skip count in 3's.



3, 6, 9, 12, 15, 18, 21, 24,

27, 30, 33, 36, 39, 42, 45, 48, 51

- (2) Skip counting in 5's, write the number that comes after ...

65, 70    40, 45    105, 110

- (3) Write these numbers in order from largest to smallest. Underline the odd numbers.



838  
2.93  
0.429  
27.13  
0.045

838, 27.13, 2.93, 0.429, 0.045



- (4) **Multiplying large numbers.**

$$\begin{array}{r} 589 \\ \times 5 \\ \hline 2945 \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ \times 8 \\ \hline 2616 \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ \times 9 \\ \hline 4050 \\ \hline \end{array}$$

- (5) **Round these numbers to the nearest 10.**

$$728 = 730$$

$$587 = 590$$

$$243 = 240$$

$$675 = 680$$





Add and subtract these numbers.

$$(6) \quad 463 + 115 = \underline{578} \quad (11) \quad 578 - 463 = \underline{115}$$

$$(7) \quad 479 + 209 = \underline{688} \quad (12) \quad 688 - 209 = \underline{479}$$

$$(8) \quad 175 + 392 = \underline{567} \quad (13) \quad 567 - 175 = \underline{392}$$

$$(9) \quad \underline{249} + 464 = 713 \quad (14) \quad 713 - \underline{464} = 249$$

$$(10) \quad 358 + \underline{419} = 777 \quad (15) \quad \underline{722} - 564 = 158$$



**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

$$(16) \quad 3 \times 10 = \underline{30}$$

$$(21) \quad 21 \div 3 = \underline{7}$$

$$(17) \quad 4 \times 5 = \underline{20}$$

$$(22) \quad 40 \div 5 = \underline{8}$$

$$(18) \quad 9 \times 6 = \underline{54}$$

$$(23) \quad 27 \div 9 = \underline{3}$$

$$(19) \quad 7 \times \underline{1} = 7$$

$$(24) \quad 35 \div \underline{5} = 7$$

$$(20) \quad \underline{9} \times 8 = 72$$

$$(25) \quad \underline{80} \div 8 = 10$$

- (1) Write in the missing numbers as you skip count backwards in 5's.



75, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 50, \_\_\_\_\_, 40,  
 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 15, 10, \_\_\_\_\_

- (2) Skip counting in 7's, write the number that comes before ...

\_\_\_\_\_, 56      \_\_\_\_\_, 35      \_\_\_\_\_, 91

- (3) What is the place value of the **BOLD** digit and what does it mean?

Example: In **4**52 the place value is 10's and it means 50.

532 = \_\_\_\_\_ = \_\_\_\_\_      **7**662 = \_\_\_\_\_ = \_\_\_\_\_

902 = \_\_\_\_\_ = \_\_\_\_\_      **1**920 = \_\_\_\_\_ = \_\_\_\_\_

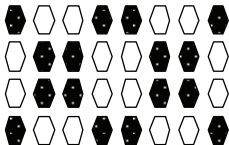
2a

2b

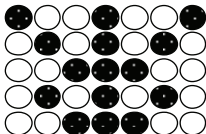
2c

2d

- (4) What fraction of each group of shapes is shaded?



\_\_\_\_\_



\_\_\_\_\_

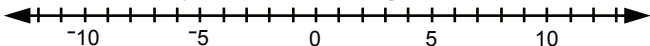
2a

2b

2c

2d

- (5) Add these positive and negative numbers.



$$-9 + 7 = \underline{\hspace{2cm}}$$

$$10 + -8 = \underline{\hspace{2cm}}$$



$$-14 + 9 = \underline{\hspace{2cm}}$$

$$5 + -8 = \underline{\hspace{2cm}}$$

Add and subtract these numbers.

(6)  $215 + 363 = \underline{\quad}$

(11)  $478 - 136 = \underline{\quad}$

(7)  $219 + 715 = \underline{\quad}$

(12)  $845 - 527 = \underline{\quad}$

(8)  $193 + 664 = \underline{\quad}$

(13)  $725 - 270 = \underline{\quad}$

(9)  $\underline{\quad} + 596 = 883$

(14)  $931 - \underline{\quad} = 468$

(10)  $398 + \underline{\quad} = 605$

(15)  $\underline{\quad} - 596 = 287$

2a

2b

2c

2d

**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 5 = \underline{\quad}$

(21)  $3 \div 3 = \underline{\quad}$

(17)  $10 \times 5 = \underline{\quad}$

(22)  $45 \div 5 = \underline{\quad}$

(18)  $9 \times 4 = \underline{\quad}$

(23)  $18 \div 9 = \underline{\quad}$

(19)  $7 \times \underline{\quad} = 42$

(24)  $49 \div \underline{\quad} = 7$

(20)  $\underline{\quad} \times 8 = 8$

(25)  $\underline{\quad} \div 8 = 8$

2a

2b

2c

2d



- (1) Write in the missing numbers as you skip count backwards in 5's.



75, **70**, **65**, **60**, **55**, 50, **45**, 40,  
**35**, **30**, **25**, **20**, 15, 10, **5**

- (2) Skip counting in 7's, write the number that comes before ...

**49**, 56    **28**, 35    **84**, 91

- (3) What is the place value of the BOLD digit and what does it mean?

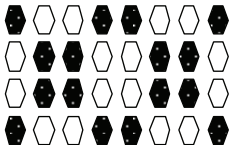
Example: In **4**52 the place value is 10's and it means 50.

532 = **10's** = **30**    7662 = **1000's** = **7000**

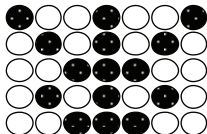
902 = **1's** = **2**    1920 = **100's** = **900**



- (4) What fraction of each group of shapes is shaded?

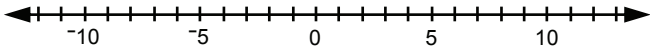


$$\frac{1}{2}$$



$$\frac{3}{7}$$

- (5) Add these positive and negative numbers.



$$-9 + 7 = \underline{\underline{-2}}$$



$$-14 + 9 = \underline{\underline{-5}}$$

$$10 + -8 = \underline{\underline{2}}$$

$$5 + -8 = \underline{\underline{-3}}$$





Add and subtract these numbers.

$$(6) \quad 215 + 363 = \underline{578} \quad (11) \quad 478 - 136 = \underline{342}$$

$$(7) \quad 219 + 715 = \underline{934} \quad (12) \quad 845 - 527 = \underline{318}$$

$$(8) \quad 193 + 664 = \underline{857} \quad (13) \quad 725 - 270 = \underline{455}$$

$$(9) \quad \underline{287} + 596 = 883 \quad (14) \quad 931 - \underline{463} = 468$$

$$(10) \quad 398 + \underline{207} = 605 \quad (15) \quad \underline{883} - 596 = 287$$



**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

$$(16) \quad 3 \times 5 = \underline{15}$$

$$(21) \quad 3 \div 3 = \underline{1}$$

$$(17) \quad 10 \times 5 = \underline{50}$$

$$(22) \quad 45 \div 5 = \underline{9}$$

$$(18) \quad 9 \times 4 = \underline{36}$$

$$(23) \quad 18 \div 9 = \underline{2}$$

$$(19) \quad 7 \times \underline{6} = 42$$

$$(24) \quad 49 \div \underline{7} = 7$$

$$(20) \quad \underline{1} \times 8 = 8$$

$$(25) \quad \underline{64} \div 8 = 8$$

- (1) Write in the missing numbers as you skip count in 7's.



7, \_\_\_\_\_, \_\_\_\_\_, 28, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 56,  
 \_\_\_\_\_, 70, \_\_\_\_\_, \_\_\_\_\_, 91, \_\_\_\_\_, \_\_\_\_\_

- (2) Skip counting in 8's, write the number that is between ...

56, \_\_\_\_\_ 72, 24, \_\_\_\_\_ 40, 88, \_\_\_\_\_ 104

- (3) Find each fraction of these whole numbers.

$\frac{1}{6}$  of 240 = \_\_\_\_\_       $\frac{2}{3}$  of 360 = \_\_\_\_\_

$\frac{1}{7}$  of 350 = \_\_\_\_\_       $\frac{3}{5}$  of 500 = \_\_\_\_\_

3a

3b

3c

3d

- (4) **Add** all the numbers in this matrix.

6900	9	650	
30	250	20	
820	470	4100	
			Total

- (5) **Dividing** large numbers.

Example:  $95 \div 5 = (50 \div 5) + (45 \div 5) = 10 + 9 = 19$

$$162 \div 9 = (\underline{\quad} \div \underline{\quad}) + (\underline{\quad} \div \underline{\quad})$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

3a

3b

3c

3d

Add and subtract these numbers.

(6)  $684 + 302 = \underline{\quad}$

(11)  $578 - 215 = \underline{\quad}$

(7)  $419 + 358 = \underline{\quad}$

(12)  $934 - 715 = \underline{\quad}$

(8)  $396 + 241 = \underline{\quad}$

(13)  $857 - 193 = \underline{\quad}$

(9)  $\underline{\quad} + 335 = 633$

(14)  $883 - \underline{\quad} = 287$

(10)  $715 + \underline{\quad} = 934$

(15)  $\underline{\quad} - 464 = 249$

3a

3b

3c

3d

**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 6 = \underline{\quad}$

(21)  $27 \div 3 = \underline{\quad}$

(17)  $1 \times 5 = \underline{\quad}$

(22)  $10 \div 5 = \underline{\quad}$

(18)  $9 \times 9 = \underline{\quad}$

(23)  $63 \div 9 = \underline{\quad}$

(19)  $7 \times \underline{\quad} = 14$

(24)  $56 \div \underline{\quad} = 7$

(20)  $\underline{\quad} \times 8 = 56$

(25)  $\underline{\quad} \div 8 = 3$

3a

3b

3c

3d



- (1) Write in the missing numbers as you skip count in 7's.



7, **14**, **21**, 28, **35**, **42**, **49**, 56,  
**63**, 70, **77**, **84**, 91, **98**, **105**

- (2) Skip counting in 8's, write the number that is between ...

56, **64**, 72      24, **32**, 40      88, **96**, 104

- (3) Find each fraction of these whole numbers.

$$\frac{1}{6} \text{ of } 240 = \mathbf{40} \quad \frac{2}{3} \text{ of } 360 = \mathbf{240}$$

$$\frac{1}{7} \text{ of } 350 = \mathbf{50} \quad \frac{3}{5} \text{ of } 500 = \mathbf{300}$$



- (4) Add all the numbers in this matrix.

6900	9	650	7559
30	250	20	300
820	470	4100	5390
7750	729	4770	Total 13249

- (5) Dividing large numbers.

Example:  $95 \div 5 = (50 \div 5) + (45 \div 5) = 10 + 9 = 19$

$$162 \div 9 = (90 \div 9) + (72 \div 9)$$

$$= 10 + 8 = 18$$





Add and subtract these numbers.

$$(6) \quad 684 + 302 = \underline{986} \quad (11) \quad 578 - 215 = \underline{363}$$

$$(7) \quad 419 + 358 = \underline{777} \quad (12) \quad 934 - 715 = \underline{219}$$

$$(8) \quad 396 + 241 = \underline{637} \quad (13) \quad 857 - 193 = \underline{664}$$

$$(9) \quad \underline{298} + 335 = 633 \quad (14) \quad 883 - \underline{596} = 287$$

$$(10) \quad 715 + \underline{219} = 934 \quad (15) \quad \underline{713} - 464 = 249$$



**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

$$(16) \quad 3 \times 6 = \underline{18} \quad (21) \quad 27 \div 3 = \underline{9}$$

$$(17) \quad 1 \times 5 = \underline{5} \quad (22) \quad 10 \div 5 = \underline{2}$$

$$(18) \quad 9 \times 9 = \underline{81} \quad (23) \quad 63 \div 9 = \underline{7}$$

$$(19) \quad 7 \times \underline{2} = 14 \quad (24) \quad 56 \div \underline{8} = 7$$

$$(20) \quad \underline{7} \times 8 = 56 \quad (25) \quad \underline{24} \div 8 = 3$$

- (1) Write in the missing numbers as you skip count in 8's.



\_\_\_\_\_, \_\_\_\_\_, 24, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 64,  
72, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 104, \_\_\_\_\_, 120

- (2) Skip counting in 9's, write the number that comes after ...

81, \_\_\_\_\_      45, \_\_\_\_\_      108, \_\_\_\_\_

- (3) Round these numbers to the nearest 1000.

8545 = \_\_\_\_\_

3499 = \_\_\_\_\_

1750 = \_\_\_\_\_

26700 = \_\_\_\_\_

4a

4b

4c

4d

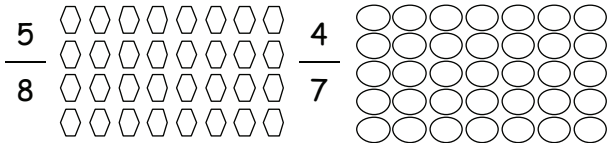
4a

4b

4c

4d

- (4) **Shade** in part of each group of shapes to show you understand these fractions.



- (5) A running race is two laps.  
If lap 1 is 1840m long and lap 2 is 1260m, how far is the race?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Add and subtract these numbers.

(6)  $136 + 342 = \underline{\quad}$

(11)  $986 - 684 = \underline{\quad}$

(7)  $318 + 527 = \underline{\quad}$

(12)  $777 - 358 = \underline{\quad}$

(8)  $270 + 455 = \underline{\quad}$

(13)  $637 - 396 = \underline{\quad}$

(9)  $\underline{\quad} + 463 = 931$

(14)  $633 - \underline{\quad} = 298$

(10)  $209 + \underline{\quad} = 688$

(15)  $\underline{\quad} - 463 = 468$

4a

4b

4c

4d

**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 3 = \underline{\quad}$

(21)  $24 \div 3 = \underline{\quad}$

(17)  $5 \times 5 = \underline{\quad}$

(22)  $15 \div 5 = \underline{\quad}$

(18)  $9 \times 10 = \underline{\quad}$

(23)  $45 \div 9 = \underline{\quad}$

(19)  $7 \times \underline{\quad} = 28$

(24)  $70 \div \underline{\quad} = 7$

(20)  $\underline{\quad} \times 8 = 48$

(25)  $\underline{\quad} \div 8 = 4$

4a

4b

4c

4d



- (1) Write in the missing numbers as you skip count in 8's.



8, 16, 24, 32, 40, 48, 56, 64,  
72, 80, 88, 96, 104, 112, 120

- (2) Skip counting in 9's, write the number that comes after ...

81, 90    45, 54    108, 117

- (3) Round these numbers to the nearest 1000.

8545 = 9000

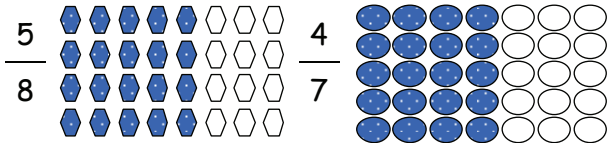
3499 = 3000

1750 = 2000

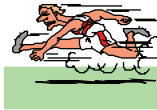
26700 = 27000



- (4) **Shade** in part of each group of shapes to show you understand these fractions.



- (5) A running race is two laps.  
If lap 1 is 1840m long and lap 2 is 1260m, how far is the race?



$$1840 + 1260 = 3100\text{m}$$





Add and subtract these numbers.

$$(6) \quad 136 + 342 = \underline{478} \quad (11) \quad 986 - 684 = \underline{302}$$

$$(7) \quad 318 + 527 = \underline{845} \quad (12) \quad 777 - 358 = \underline{419}$$

$$(8) \quad 270 + 455 = \underline{725} \quad (13) \quad 637 - 396 = \underline{241}$$

$$(9) \quad \underline{468} + 463 = 931 \quad (14) \quad 633 - \underline{335} = 298$$

$$(10) \quad 209 + \underline{479} = 688 \quad (15) \quad \underline{931} - 463 = 468$$



**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 3 = \underline{9}$

(21)  $24 \div 3 = \underline{8}$

(17)  $5 \times 5 = \underline{25}$

(22)  $15 \div 5 = \underline{3}$

(18)  $9 \times 10 = \underline{90}$

(23)  $45 \div 9 = \underline{5}$

(19)  $7 \times \underline{4} = 28$

(24)  $70 \div \underline{10} = 7$

(20)  $\underline{6} \times 8 = 48$

(25)  $\underline{32} \div 8 = 4$

- (1) Write in the missing numbers as you skip count in 9's.



\_\_\_\_\_, 18, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 63, \_\_\_\_\_,  
81, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 135

- (2) Skip counting in 3's, write the number that comes before ...

\_\_\_\_\_, 18      \_\_\_\_\_, 36      \_\_\_\_\_, 60

- (3) What is the **place value** of the **BOLD** digit and what does it mean?

Example: In 4.52 the place value is  $\frac{1}{10}$ 's and it means  $\frac{5}{10}$ .

9.42 = \_\_\_\_\_ = \_\_\_\_\_      6.**28** = \_\_\_\_\_ = \_\_\_\_\_

1.**75** = \_\_\_\_\_ = \_\_\_\_\_      4.**39** = \_\_\_\_\_ = \_\_\_\_\_

5a

5b

5c

5d

5a

- (4) Find the **percentage** of these numbers.

$$10\% \text{ of } 950 = \underline{\hspace{2cm}} \quad 25\% \text{ of } 720 = \underline{\hspace{2cm}}$$

$$50\% \text{ of } 370 = \underline{\hspace{2cm}} \quad 33\frac{1}{3}\% \text{ of } 270 = \underline{\hspace{2cm}}$$

5b

5c

5d

- (5) Round these numbers to the **nearest 100**.

$$292 = \underline{\hspace{2cm}} \quad 1318 = \underline{\hspace{2cm}}$$

$$764 = \underline{\hspace{2cm}} \quad 1850 = \underline{\hspace{2cm}}$$

Add and subtract these numbers.

(6)  $482 + 312 = \underline{\quad}$

(11)  $794 - 482 = \underline{\quad}$

(7)  $207 + 398 = \underline{\quad}$

(12)  $605 - 398 = \underline{\quad}$

(8)  $382 + 186 = \underline{\quad}$

(13)  $568 - 382 = \underline{\quad}$

(9)  $\underline{\quad} + 564 = 722$

(14)  $722 - \underline{\quad} = 158$

(10)  $527 + \underline{\quad} = 845$

(15)  $\underline{\quad} - 335 = 298$

5a

5b

5c

5d

**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 4 = \underline{\quad}$

(21)  $6 \div 3 = \underline{\quad}$

(17)  $6 \times 5 = \underline{\quad}$

(22)  $35 \div 5 = \underline{\quad}$

(18)  $9 \times 1 = \underline{\quad}$

(23)  $72 \div 9 = \underline{\quad}$

(19)  $7 \times \underline{\quad} = 63$

(24)  $21 \div \underline{\quad} = 7$

(20)  $\underline{\quad} \times 8 = 16$

(25)  $\underline{\quad} \div 8 = 5$

5a

5b

5c

5d



- (1) Write in the missing numbers as you skip count in 9's.



9, 18, **27**, **36**, **45**, **54**, 63, **72**,

81, **90**, **99**, **108**, **117**, **126**, 135

- (2) Skip counting in 3's, write the number that comes before ...

**15**, 18    **33** 36    **57**, 60

- (3) What is the place value of the **BOLD** digit and what does it mean?

Example: In 4.**5**2 the place value is  $\frac{1}{10}$ 's and it means  $\frac{5}{10}$ .

9.**4**2 =  $\frac{1}{10}$ 's =  $\frac{4}{10}$     6.**28** =  $\frac{1}{100}$ 's =  $\frac{8}{100}$

1.7**5** =  $\frac{1}{100}$ 's =  $\frac{5}{100}$     4.**39** =  $\frac{1}{10}$ 's =  $\frac{3}{10}$



- (4) Find the **percentage** of these numbers.

$$10\% \text{ of } 950 = \mathbf{95} \quad 25\% \text{ of } 720 = \mathbf{180}$$

$$50\% \text{ of } 370 = \mathbf{185} \quad 33\frac{1}{3}\% \text{ of } 270 = \mathbf{90}$$

- (5) Round these numbers to the **nearest 100**.

$$292 = \mathbf{300}$$

$$1318 = \mathbf{1300}$$

$$764 = \mathbf{800}$$

$$1850 = \mathbf{1900}$$





Add and subtract these numbers.

$$(6) \quad 482 + 312 = \underline{794} \quad (11) \quad 794 - 482 = \underline{312}$$

$$(7) \quad 207 + 398 = \underline{605} \quad (12) \quad 605 - 398 = \underline{307}$$

$$(8) \quad 382 + 186 = \underline{568} \quad (13) \quad 568 - 382 = \underline{186}$$

$$(9) \quad \underline{158} + 564 = 722 \quad (14) \quad 722 - \underline{564} = 158$$

$$(10) \quad 527 + \underline{318} = 845 \quad (15) \quad \underline{633} - 335 = 298$$



**Multiplying and dividing in 3's, 5's, 7's, 8's & 9's.**

(16)  $3 \times 4 = \underline{12}$

(21)  $6 \div 3 = \underline{2}$

(17)  $6 \times 5 = \underline{30}$

(22)  $35 \div 5 = \underline{7}$

(18)  $9 \times 1 = \underline{9}$

(23)  $72 \div 9 = \underline{8}$

(19)  $7 \times \underline{9} = 63$

(24)  $21 \div \underline{3} = 7$

(20)  $\underline{2} \times 8 = 16$

(25)  $\underline{40} \div 8 = 5$

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