

Mathletics

Holiday Review – Year Two

Numbers:

Complete the number crossword.

¹ 2	² 8	6		³ 3	9	9		⁴ 4	6	⁵ 2			⁶ 7	8	9			
	5			4						2			3			⁷ 8	8	9
⁸ 5	0	0		5					⁹ 1	1	0		0					
1																		
¹⁰ 9	9	9																

Across

1. The number after 285
3. The number before 400
4. The number before 463
6. The number before 790
7. The number after 888
8. The number after 499
9. The number after 109
10. The number before 1000

Down

2. The number between 849 and 851
3. The number after 344
5. The number before 222
6. The number after 729
8. The number before 520

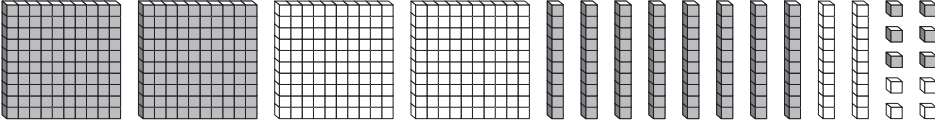
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Numbers:

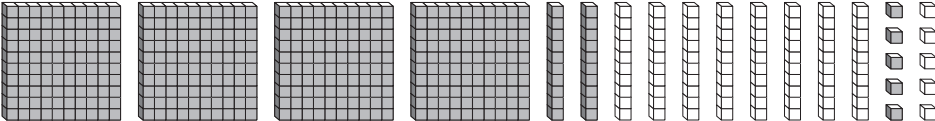
Colour the right number of blocks to match the number.

a



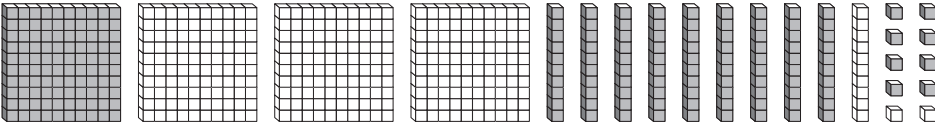
286

b



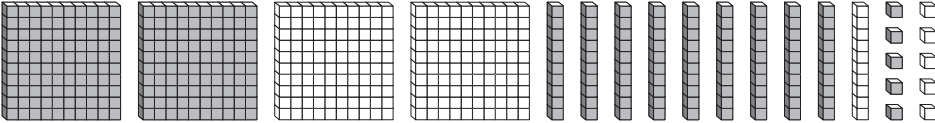
425

c



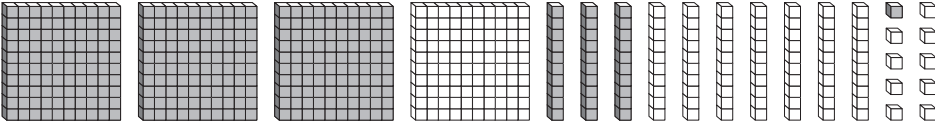
198

d



295

e



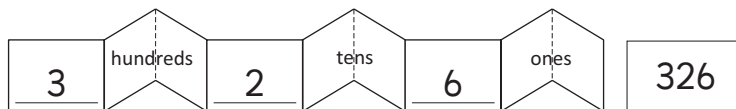
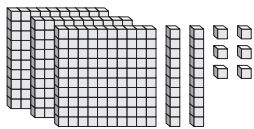
331

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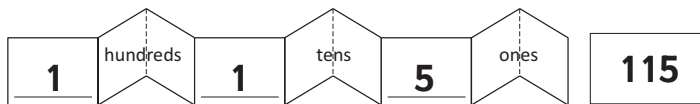
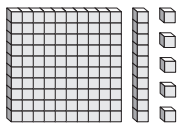
Numbers:

We can use numeral expanders to help us express the value of digits in numbers.

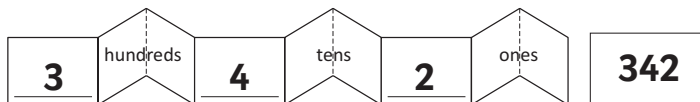
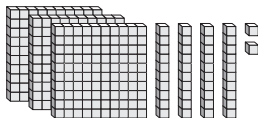


Fill in the missing information.

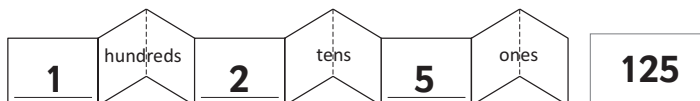
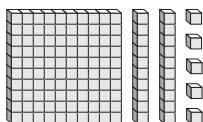
a



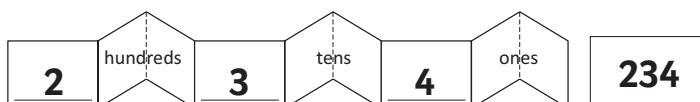
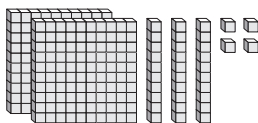
b



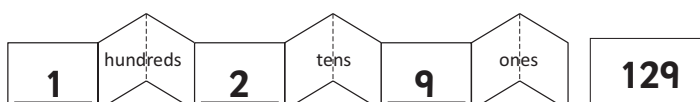
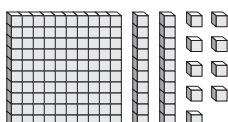
c



d



e









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Operations with Number:

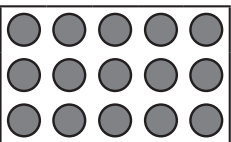
How many are there?

a    plates of  is  altogether.

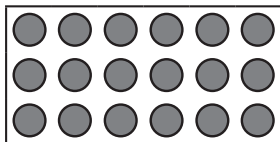
b     baskets of  is  altogether.

c    rows of  is  altogether.

Can you turn these arrays around in your head? Write both facts.

a 

$$\begin{array}{|c|} \hline 3 \times 5 = 15 \\ \hline 5 \times 3 = 15 \\ \hline \end{array}$$

b 

$$\begin{array}{|c|} \hline 3 \times 6 = 18 \\ \hline 6 \times 3 = 18 \\ \hline \end{array}$$

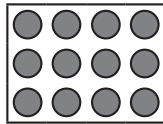
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Operations with Number:

We can use the same arrays to make multiplication and division facts. This array shows:

3 rows of 4 is 12



12 counters divided into 3 rows is 4

$$3 \times 4 = 12$$

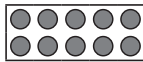
AND

$$12 \div 3 = 4$$

Use the arrays to finish the number statements and facts.

a 2 rows of 5 is

10



10 divided into 2 rows is

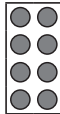
5

$$2 \times 5 = 10$$

$$10 \div 2 = 5$$

b 4 rows of 2 is

8



8

divided into 4 rows is

2

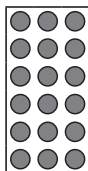
$$4 \times 2 = 8$$

$$8 \div 4 = 2$$

c

$$6 \times 3 = 18$$

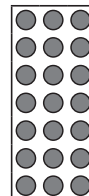
$$18 \div 6 = 3$$



d

$$7 \times 3 = 21$$

$$21 \div 7 = 3$$

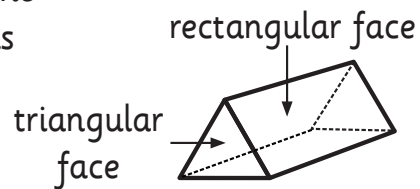


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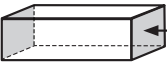
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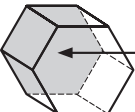
Space and Shape:

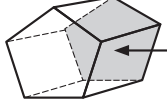
Prisms have 2 **identical end faces**. All the other faces are always **rectangles**. Prisms are named according to their end faces. The end faces of this prism are triangles so we call it a **triangular prism**.



Look at the end faces of these solids. Choose words from the box to finish the statements.

- a**  My end faces are **rectangles**.
I am a **rectangular** prism.

- b**  My end faces are **hexagons**.
I am a **hexagonal** prism.

- c**  My end faces are **pentagons**.
I am a **pentagonal** prism.

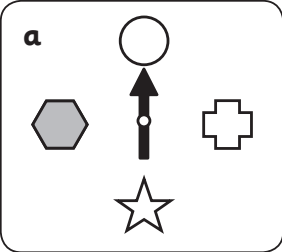
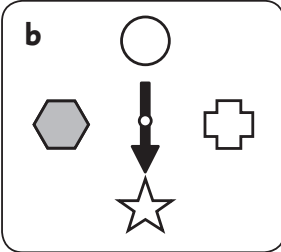
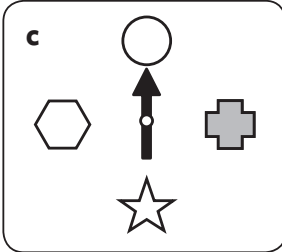
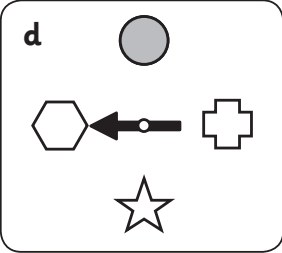
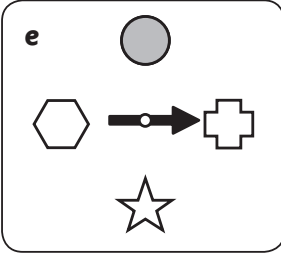
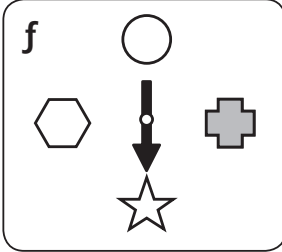
hexagons
hexagonal
pentagons
pentagonal
rectangles
rectangular

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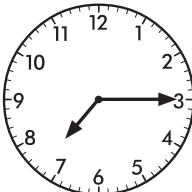
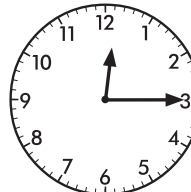
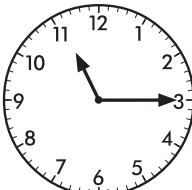
Space and Shape:

You are facing the way the arrow points. Colour the shape the spinner would point to if it turned:

<p>a</p>  <p>left</p>	<p>b</p>  <p>right</p>	<p>c</p>  <p>right</p>
<p>d</p>  <p>right</p>	<p>e</p>  <p>left</p>	<p>f</p>  <p>left</p>

Time and Money:

Draw the missing hands on the clocks to finish the times.

<p>a</p> <p>quarter past 7</p> 	<p>b</p> <p>quarter past 12</p> 
<p>c</p> <p>quarter past 11</p> 	<p>d</p> <p>quarter past 3</p> 