

Plattsburg Public School


Learning from Home

Year 4

Group 2

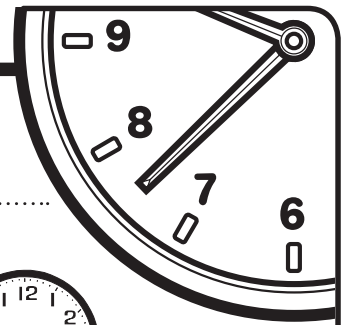
NUMERACY





Monday

Minute 27



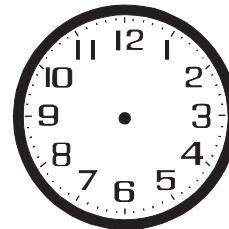
Name: Date:

1. Write the time shown on the clock.



2. Write the number **sixty-eight**.

3. Draw the clock hands to show 9.00.



4. $12 + 8 = \dots\dots\dots$

5. Skip count. Write the missing odd number. 53, 55,, 59, 61

6. $10 - 7 = \dots\dots\dots$

For Questions 7 and 8, use the pictures to write the number sentence.

7.  +  + =

8.  +  + =

9. Write the value of the coin.



10. Sam has 9 games. Alina has 3 games less than Sam. How many games does Alina have? games

My score:

10

My time:

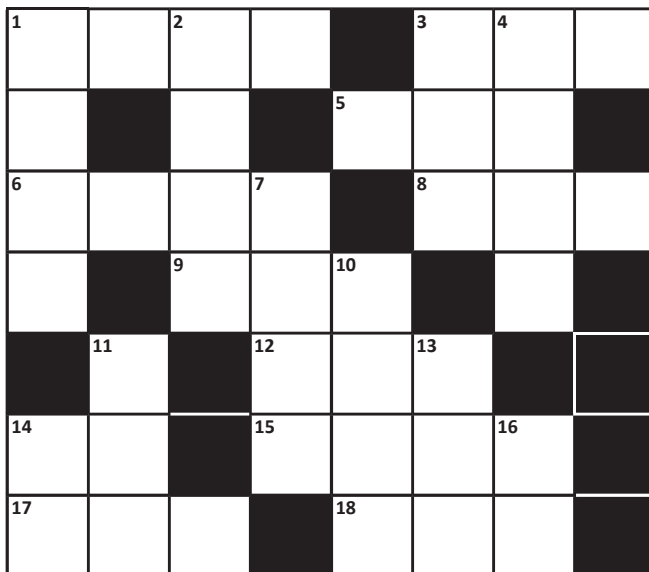
..... minutes seconds

Looking at whole numbers – reading and writing numbers to 999

4 Are the following statements true or false (T or F)?

Statement	True/False
a six hundred and twenty one = 621	
b five hundred and two = 520	
c eight hundred and fifty two dollars = \$852	
d two hundred and three dollars = \$230	
e nine hundred and ninety nine = 991	
f one hundred and five = 105	

5 Complete this crossword by writing the digits:



Across

- 1 Four thousand, six hundred and eighty two
- 3 Number before 926
- 5 Seven hundred and thirty two
- 6 Three thousand, one hundred and forty four
- 8 Add 6 to 600
- 9 Nine hundred and forty three
- 12 1 less than 530
- 14 Thirteen
- 15 Six thousand, four hundred and sixty three
- 17 7 less than 700
- 18 Five hundred and twenty four

Down

- 1 Four thousand, eight hundred and thirty six
- 2 1 less than 8 650
- 3 Nine hundred and thirty six
- 4 2 200 plus 9
- 7 Four thousand, four hundred and fifty six
- 10 Three thousand, two hundred and forty five
- 11 1 less than six hundred and forty
- 13 Nine hundred and sixty two
- 16 Thirty four

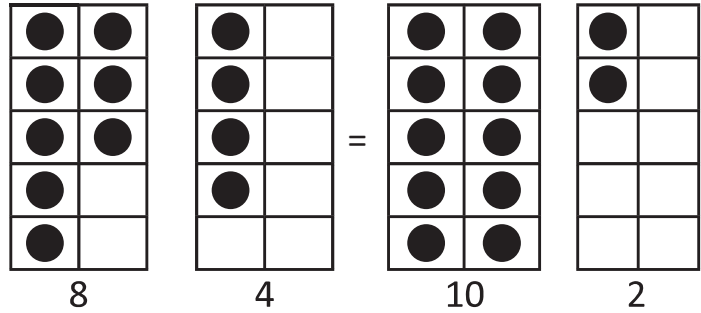


Some of these clues are about 4 digit numbers. 4 digit numbers are in the thousands.

Addition mental strategies – bridge to ten

Bridge to ten is when we make the first number up to 10 and then add what is left.

Let's start by using ten frames:



$$8 + 4 = 10 + 2 = 12$$

- 1 Look carefully at the first set of ten frames. Bridge to ten on the second set and complete the addition.

a

$$8 + 6 = 10 + \square = \square$$

b

$$7 + 4 = 10 + \square = \square$$

c

$$9 + 5 = 10 + \square = \square$$

d

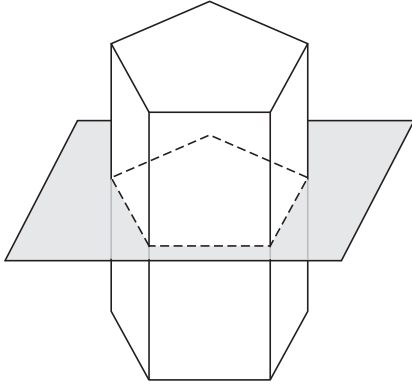
$$9 + 8 = 10 + \square = \square$$

Name : _____

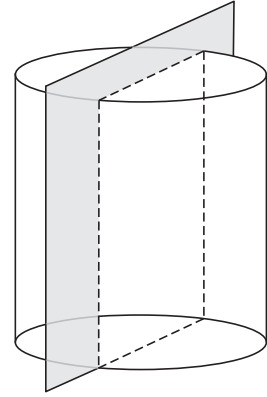
Cross Section of 3D Shapes

Identify and name the 2D shape that is formed on slicing the following 3D figures.

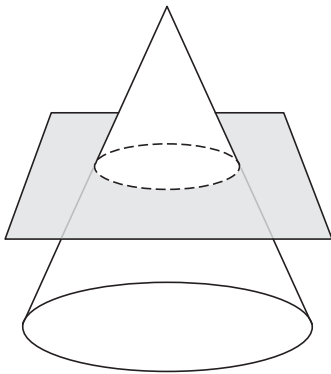
1)



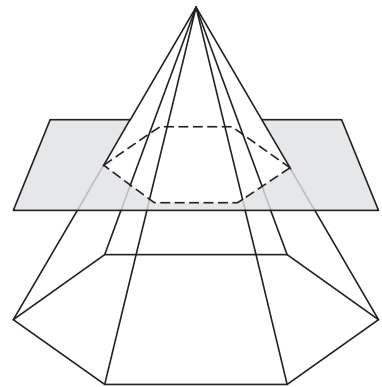
2)



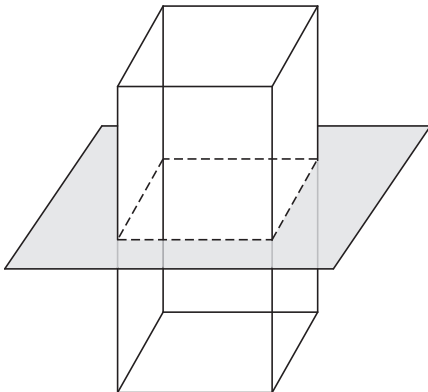
3)



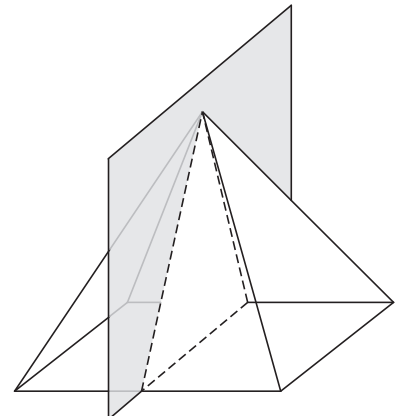
4)



5)

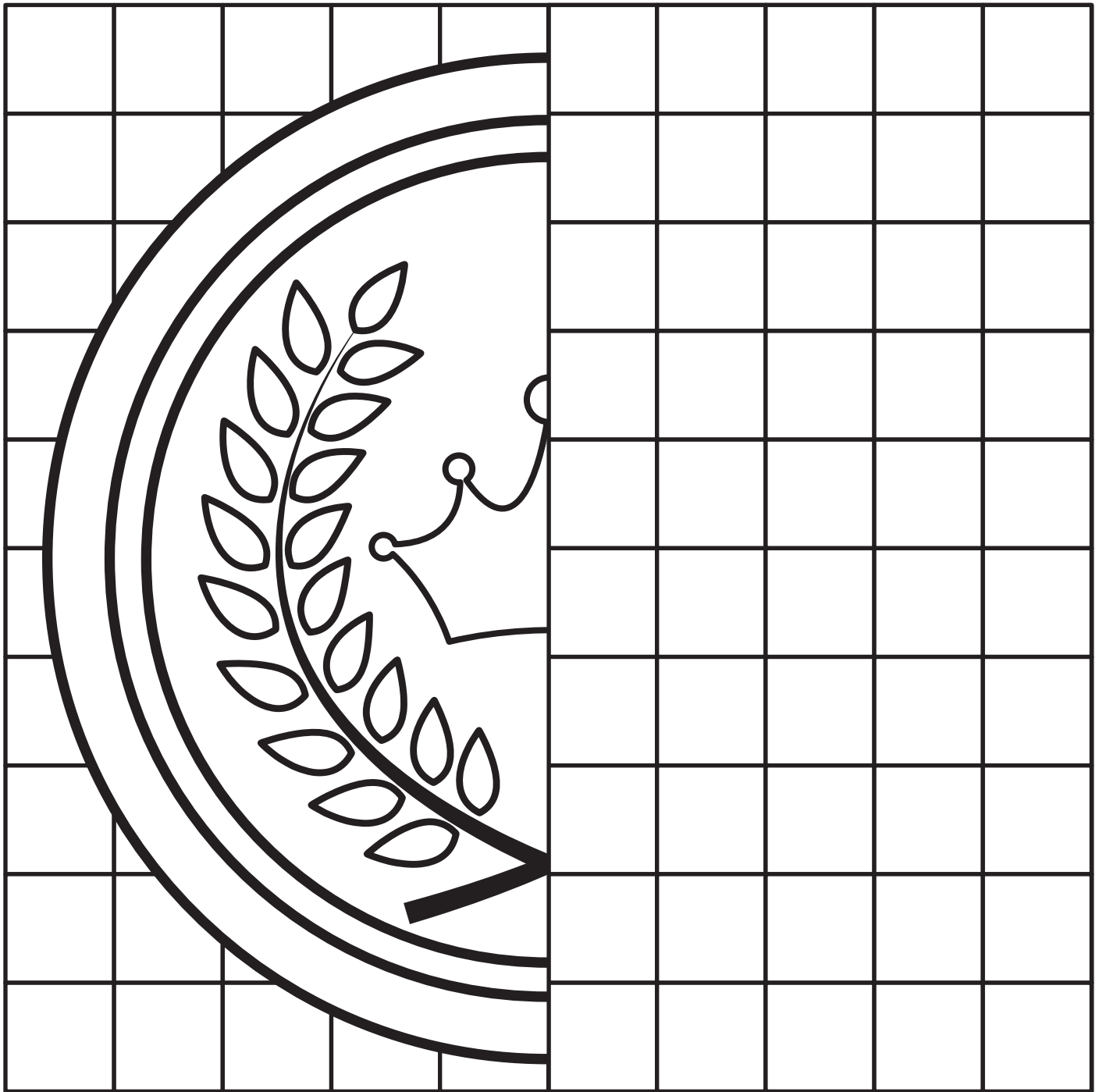
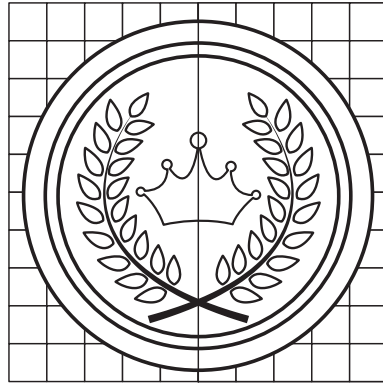
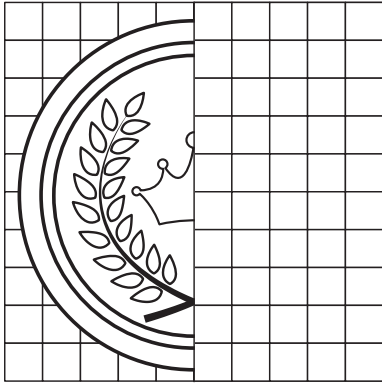



6)



OLYMPIC MEDAL SYMMETRY DRAWING

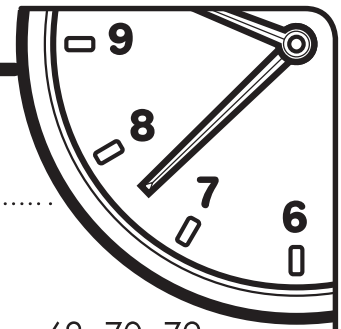
Name: _____





Tuesday

Minute 28



Name: Date:

1. Count by 2s. Write the missing even number. 64,, 68, 70, 72

2. How many coins in all?
..... coins

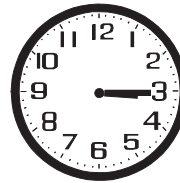


3. $80 + 10 = \dots\dots\dots$

4. $17 - 8 = \dots\dots\dots$

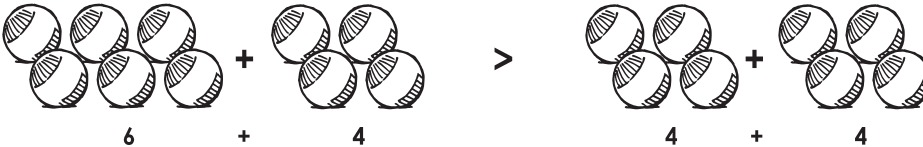
5. Write the time shown on the clock.

Quarter past or 15




6. Tyler has 5 robots. He gets 4 more robots for his birthday.

How many robots does Tyler have altogether? robots

7. 

Circle: True or False

For Questions 8 and 9, write the time shown on the clock.

8.  Half past or30

9.  Half past or30

10. Complete the fact family. $7 + 5 = 12$ $12 - \dots\dots\dots = 7$

$5 + 7 = 12$ $12 - 7 = 5$

My score: 10

My time: minutes seconds

Looking at whole numbers – create and compare numbers

When we compare numbers we use these symbols:



This symbol means is greater (more) than



This symbol means is less than

An easy way to remember this is to think of Crandall the crocodile who is always hungry and will always eat the BIGGER number! We always read the number sentence from left to right.



5 is less than 54

5 is $<$ 54



124 is greater than 92

124 is $>$ 92

1 Use the correct $<$ or $>$ symbol to connect these numbers:

- a 26 41 b 94 89 c 104 106 d 962 991
e 397 372 f 722 728 g 442 440 h 87 266

2 Mitch wrote these number sentences. Are they correct? Tick or cross them.

- a $614 > 687$ b $61 < 90$ c $703 > 54$
d $532 < 888$ e $889 > 999$ f $206 < 260$

3 Use these numbers to write some number sentences following the directions. Use the symbols $<$ or $>$:

314

250

720

567

412

a Write three *greater than* number sentences:

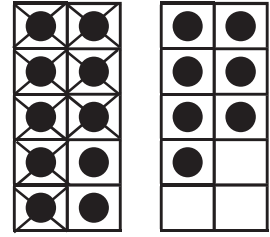
b Write three *less than* number sentences:

Subtraction mental strategies – bridge to ten

A ten frame is useful to show the bridge to ten strategy when subtracting.

Here are 17 counters in 2 tens frames.

When you see $17 - 8 = \square$, cross out 8 from the first ten frame then add what is left.



$$17 - 8 = 9$$

- 1 Use each ten frame to subtract using bridge to ten. Cross out the number of counters that are subtracted from the first ten frame:

a

$$\boxed{16} - \boxed{9} = \boxed{}$$

b

$$\boxed{13} - \boxed{7} = \boxed{}$$

c

$$\boxed{14} - \boxed{9} = \boxed{}$$

d

$$\boxed{15} - \boxed{8} = \boxed{}$$

- 2 Write a subtraction fact that matches each ten frame:

a

$$\boxed{} - \boxed{} = \boxed{}$$

b

$$\boxed{} - \boxed{} = \boxed{}$$

c

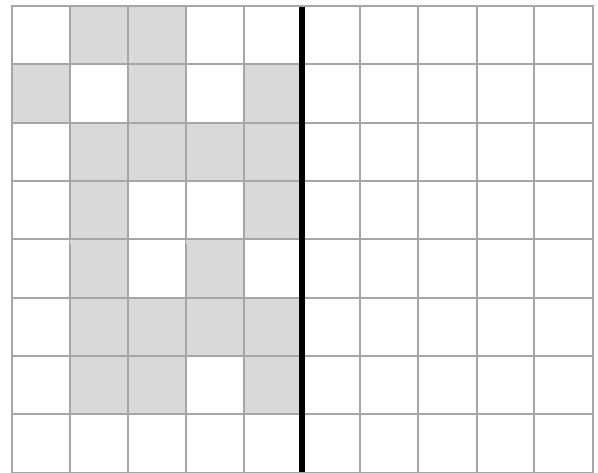
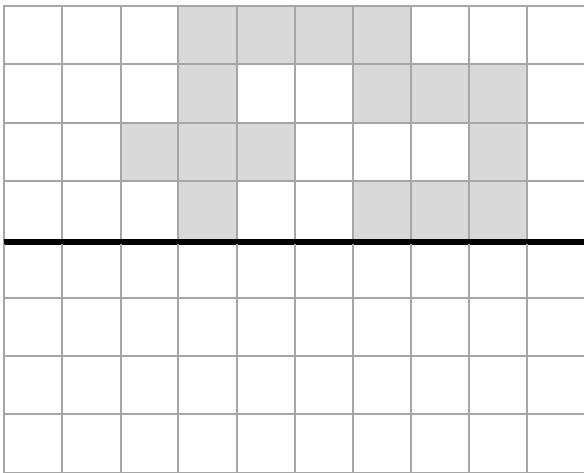
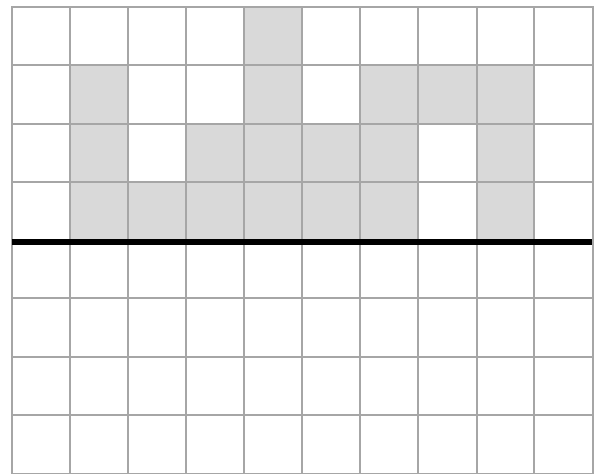
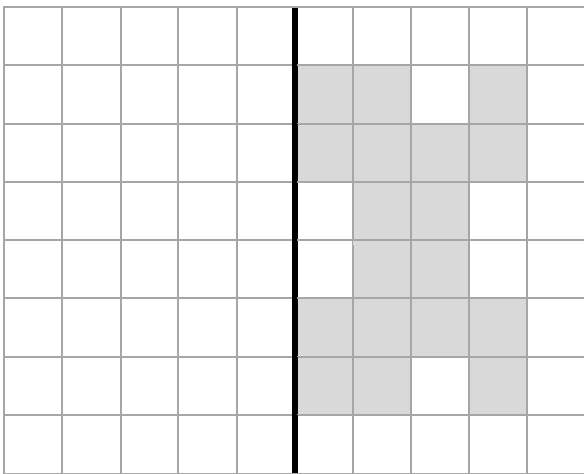
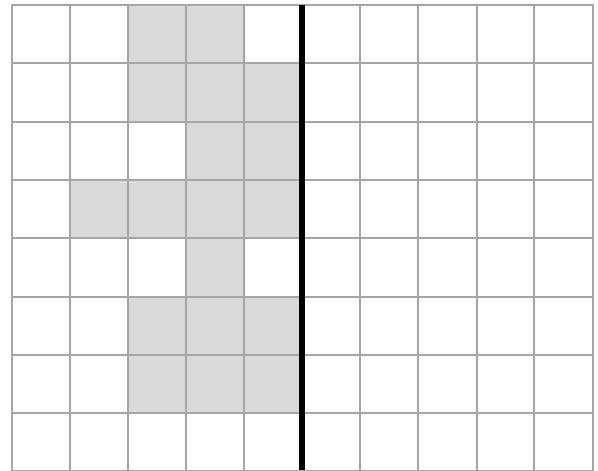
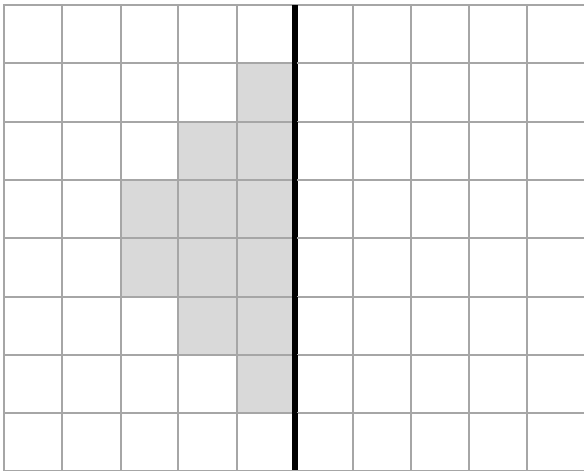
$$\boxed{} - \boxed{} = \boxed{}$$

d

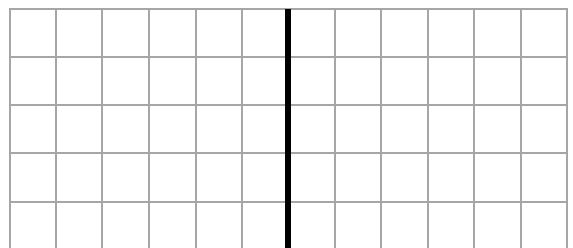
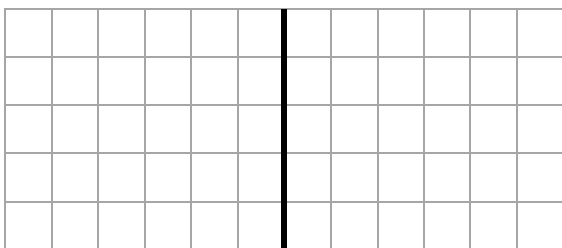
$$\boxed{} - \boxed{} = \boxed{}$$

Symmetry

1. Use the symmetry line to help you complete the missing part of each shape.

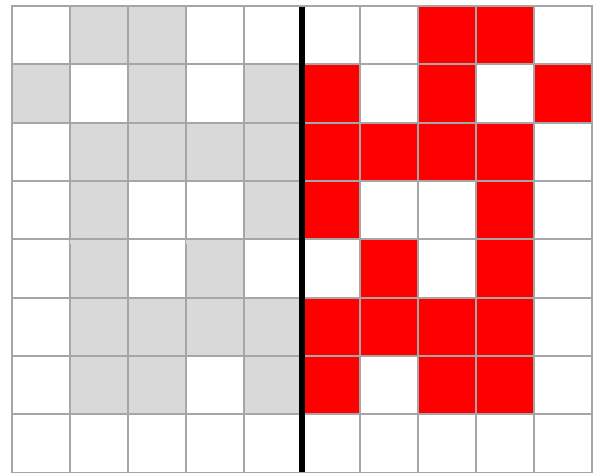
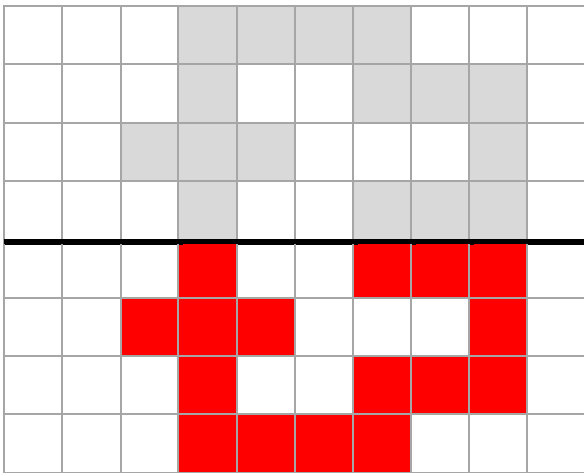
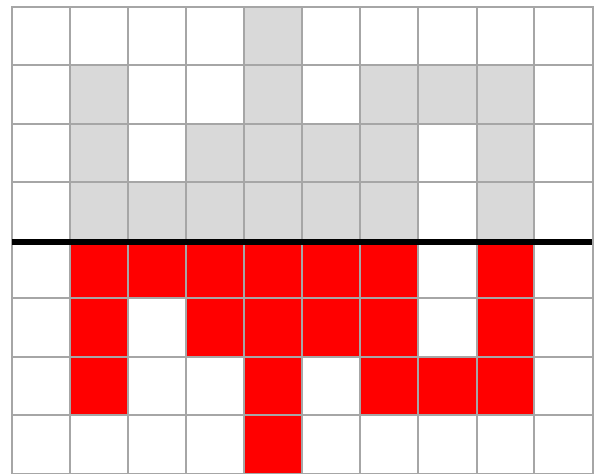
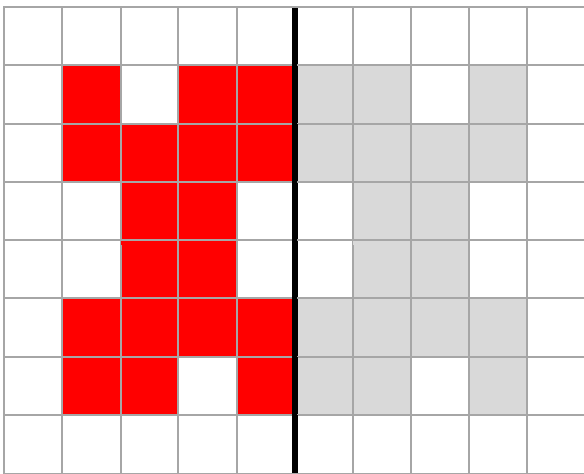
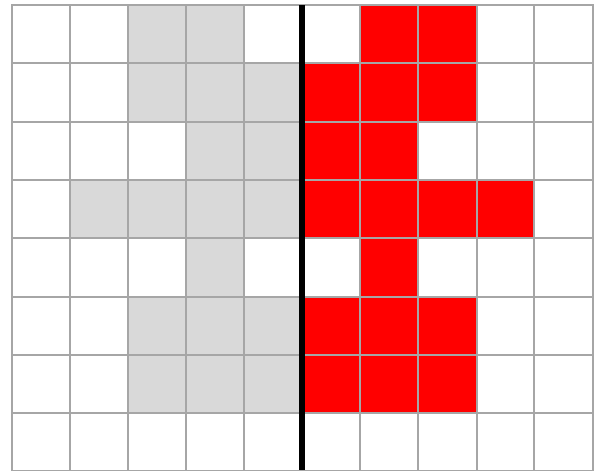
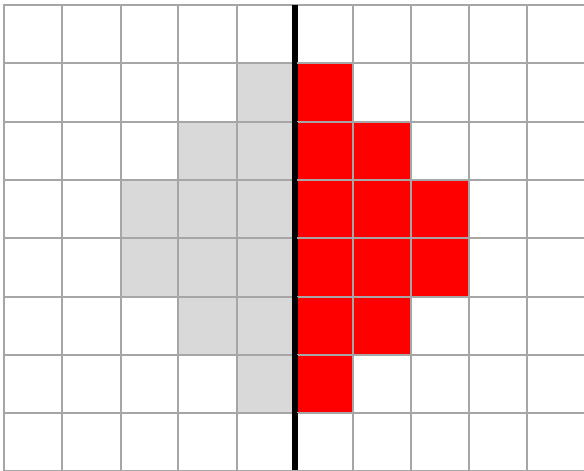


2. Create your own shape on one side of the symmetry line and challenge a friend to finish the missing half!

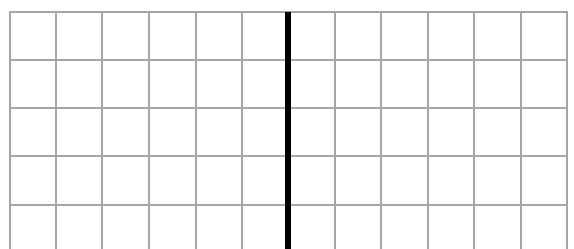
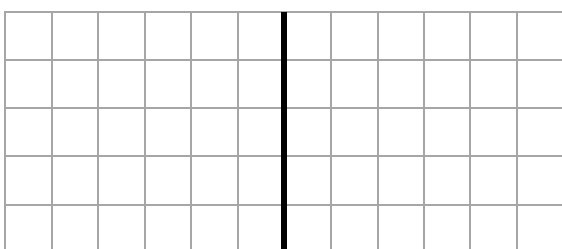


Symmetry Answers

1. Use the symmetry line to help you complete the missing part of each shape.



2. Create your own shape on one side of the symmetry line and challenge a friend to finish the missing half!





Wednesday

Minute 29



Name: Date:

1. Write the time shown on the clock.

Quarter past or15



2. Write the number **thirty-three**.

For Questions 3 and 4, circle the digit in the tens place.

3. 68

4. 86

5. How many months are in 1 year? months

6. $16 + 2 = \dots\dots\dots$

For Questions 7 and 8, use greater than (>) or less than (<).

7.   

8.     

9. $14 - 6 = \dots\dots\dots$

10. Write the missing number.

....., 60, 70, 80, 90

My score:

10

My time:

..... minutes seconds

Looking at whole numbers – ordering numbers

4 Think about the position of the numbers on the number lines.

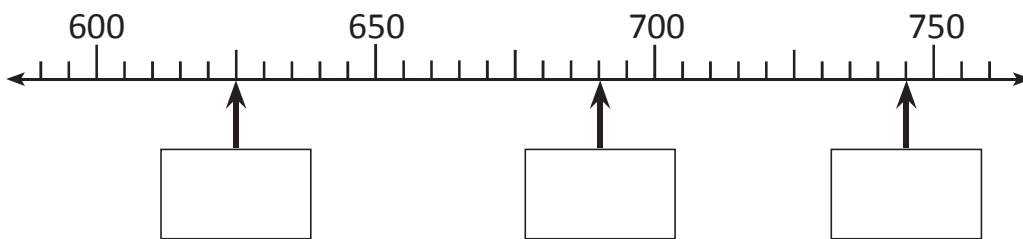
a Draw a line to connect the number in the box to where it sits on the number line:



465	472	479	484
-----	-----	-----	-----

Check the scale carefully on these number lines.

b Write the numbers in the blank boxes:



5 Label the weight of each tin using a number from the box:

a

220 g			
420 g			
110 g	<input type="text"/>	<input type="text"/>	<input type="text"/>

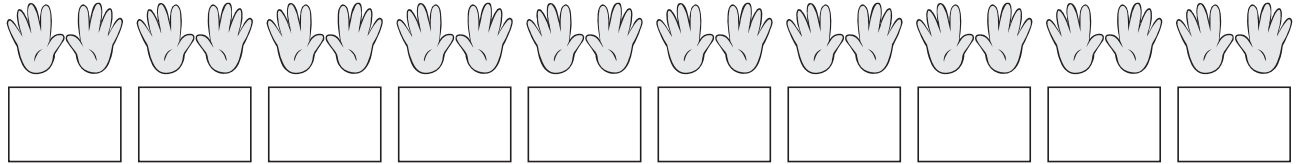
b

140 g			
825 g			
400 g	<input type="text"/>	<input type="text"/>	<input type="text"/>

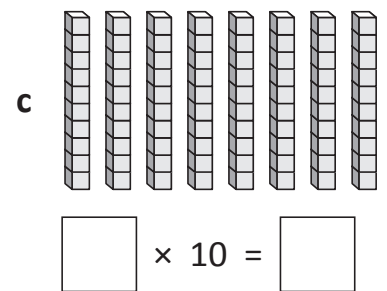
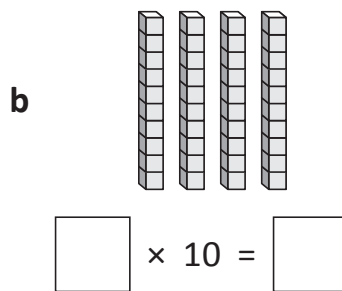
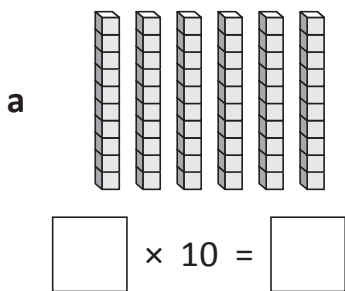
Introducing multiplication – 10 times table

If you can skip count in 10s, you know your 10 times table.

1 Complete this sequence by counting in 10s:



2 Count the longs and then complete the multiplication fact:



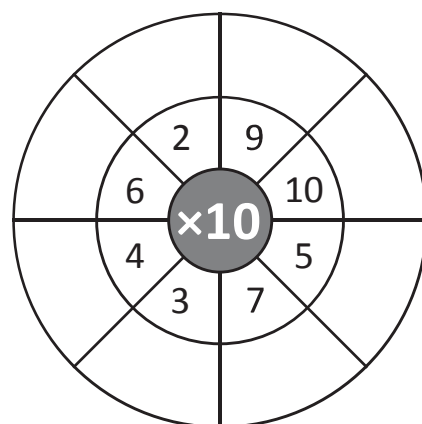
3 Complete the 10 times table:

- 1 × 10 =
- 2 × 10 =
- 3 × 10 =
- 4 × 10 =
- 5 × 10 =
- 6 × 10 =
- 7 × 10 =
- 8 × 10 =
- 9 × 10 =
- 10 × 10 =

4 Write the missing number in each 10 times table fact:

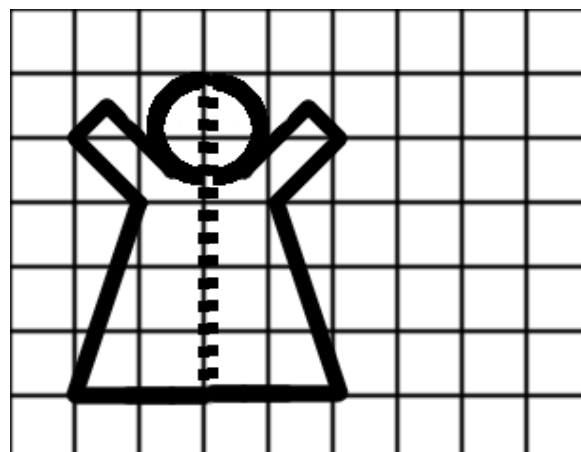
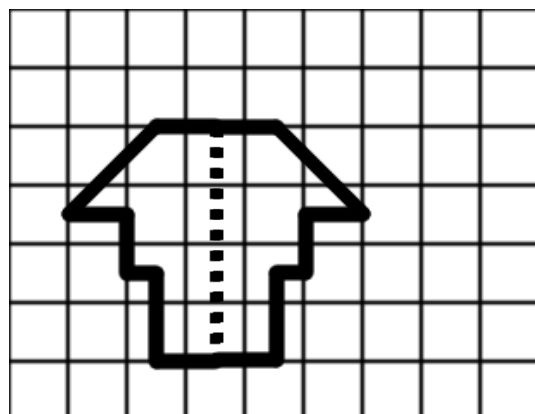
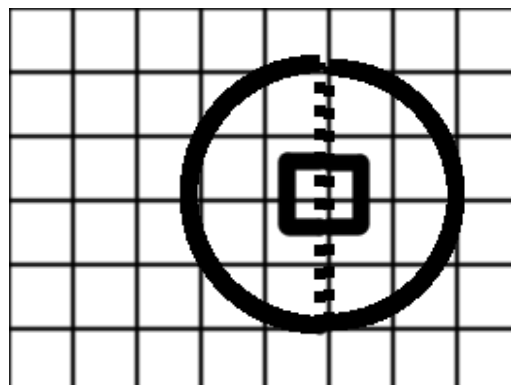
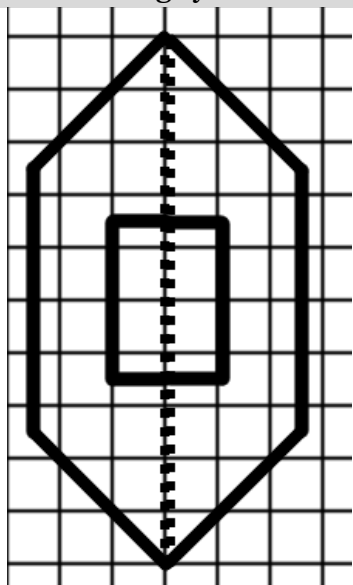
- a** × 10 = 50
- b** × 10 = 80
- c** × 10 = 70

5 Complete this × 10 wheel:

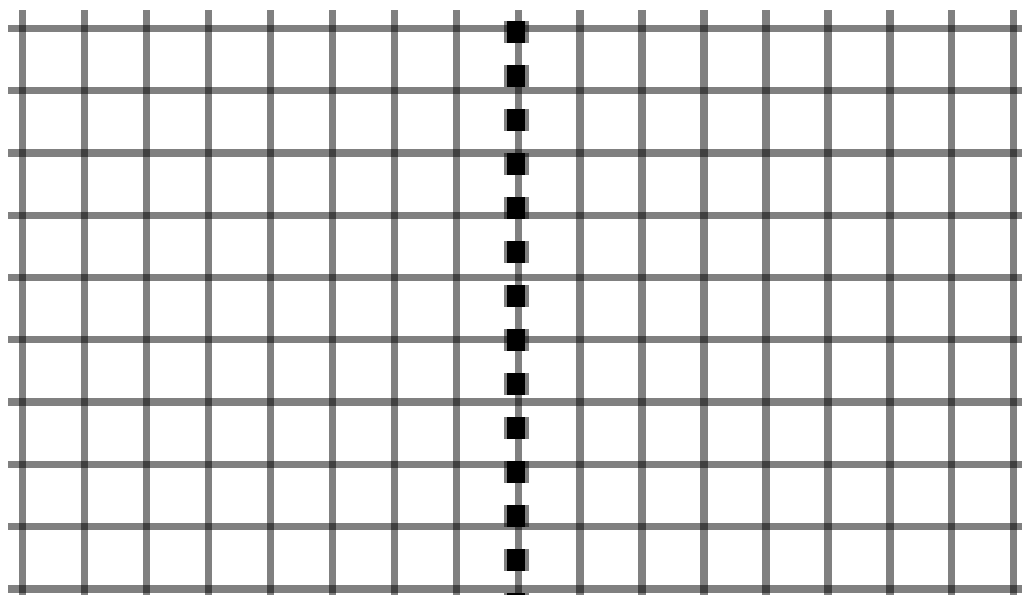


Symmetry Answers

Complete the following symmetrical shapes.



Draw a shape against the line of symmetry below. Then challenge a partner to finish your shape!
(Or do it yourself!)



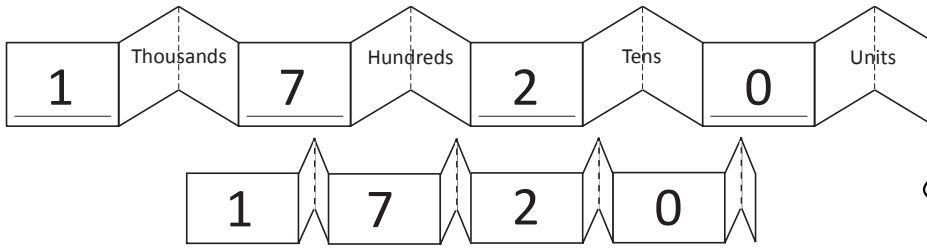


Thursday

Place value of whole numbers – expanded notation

Expanded notation is when we write out each digit in full. Numeral expanders are a handy way of showing the value of each digit.

Remember that the cube represents 1 000.



1 Which number is each set of base 10 blocks representing?
Write this number in the box and show it as expanded notation:

REMEMBER

a

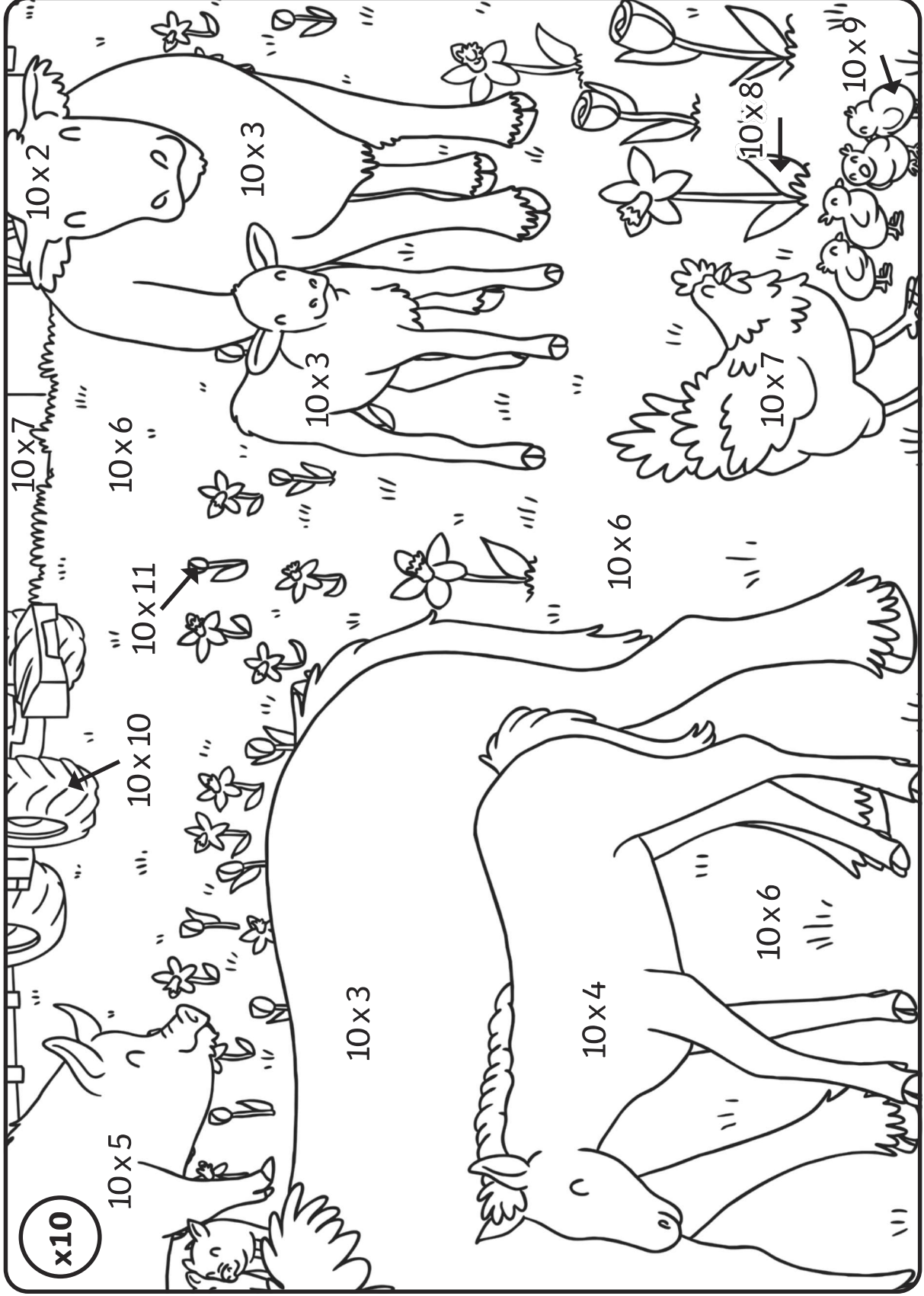
b

c

2 Draw a line to match the numbers in expanded notation to the numerals.

- | | | |
|----------|---------------------------------------|-------|
| a | 4 thousands 6 hundreds 1 ten 2 units | 4 254 |
| b | 4 thousands 6 hundreds 8 tens 0 units | 4 361 |
| c | 4 thousands 4 hundreds 10 tens 1 unit | 4 680 |
| d | 4 thousands 3 hundreds 6 tens 1 unit | 4 612 |
| e | 4 thousands 2 hundreds 5 tens 4 units | 4 411 |

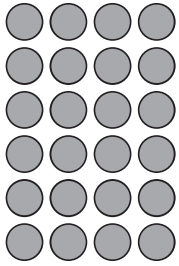
Colour by Multiplication



20	white
30	brown
40	light brown
50	pink
60	light green
70	red
80	dark green
90	yellow
100	black
110	orange

Division – linking multiplication and division facts

Knowing multiplication facts will help with division facts.



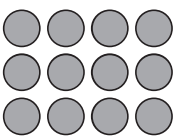
$$6 \times 4 = 24$$

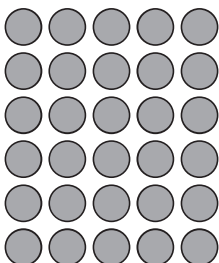
6 rows of 4 is 24.

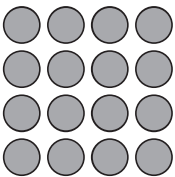
$$24 \div 4 = 6$$

24 divided into 4 shares is 6.

1 Describe each of these arrays using one multiplication and one division fact:

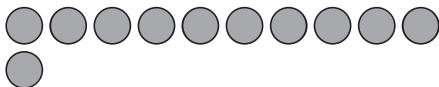
a  $\times 4 = 12$
 $12 \div 4 =$

b  $\times 5 = 30$
 $30 \div 5 =$

c  $\times 4 = 16$
 $16 \div 4 =$

2 This time, you are given part of the array. Complete the array and then write one multiplication and one division fact that matches:

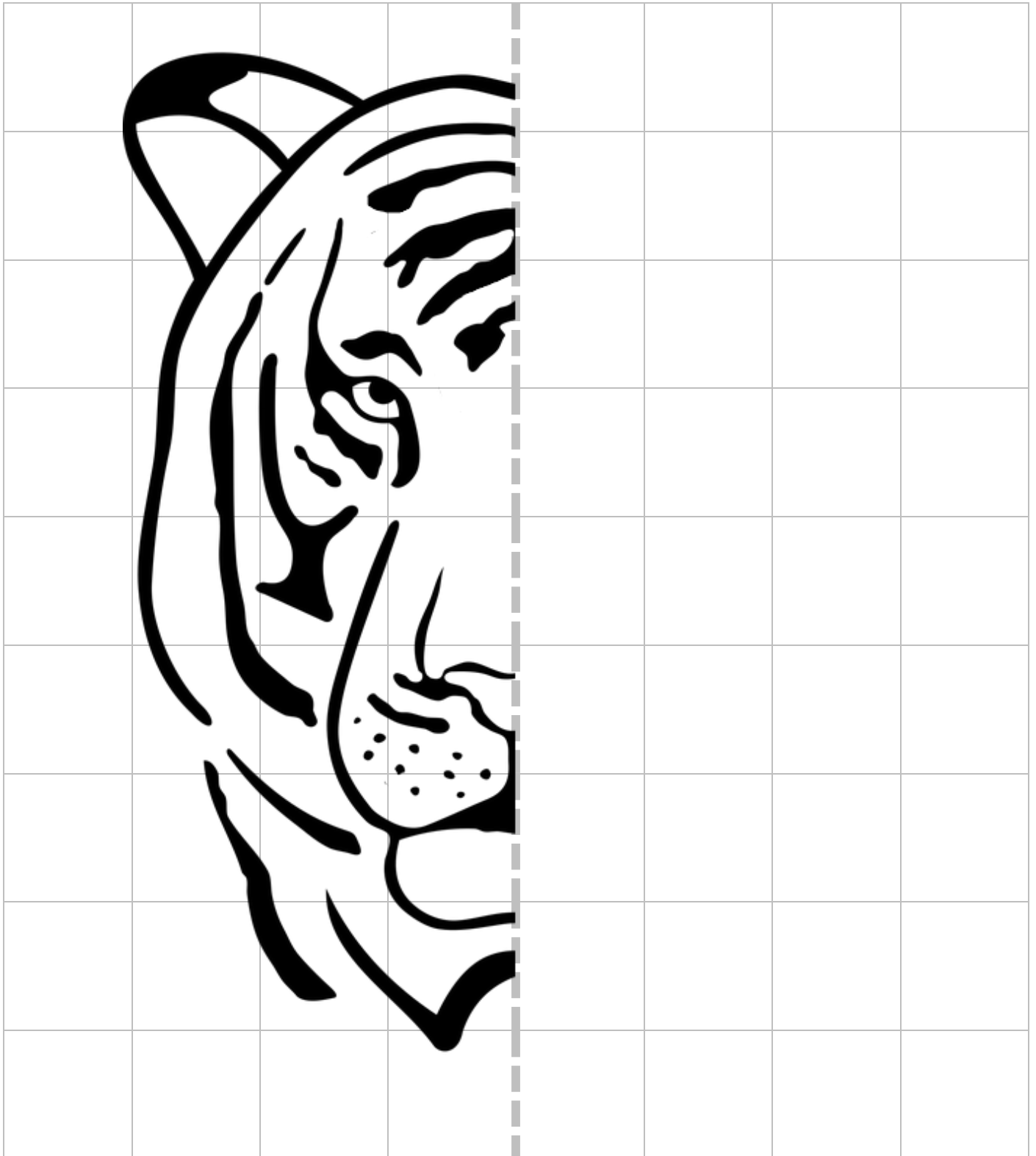
a  \times =
 \div =

b  \times =
 \div =

c  \times =
 \div =

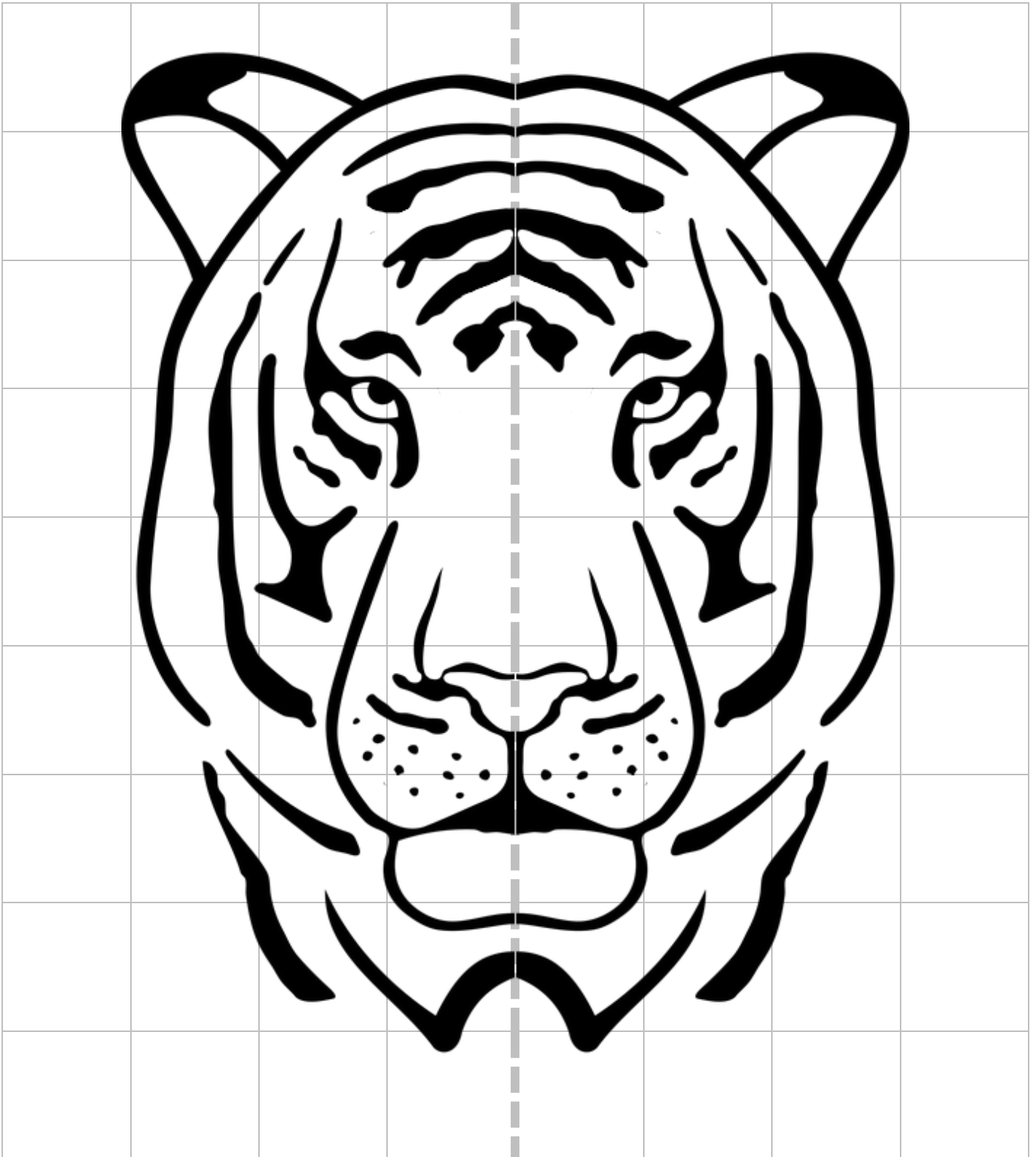
Symmetry


Complete this picture using the line of symmetry and grid squares to help you.



Symmetry **Answers**

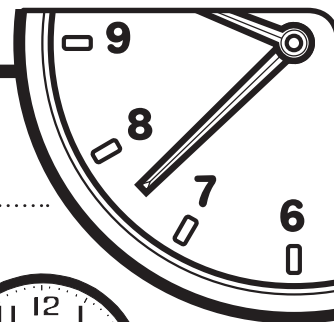
Complete this picture using the line of symmetry and grid squares to help you.





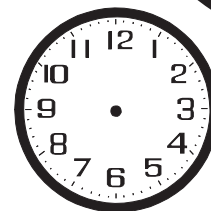
Friday

Minute 31

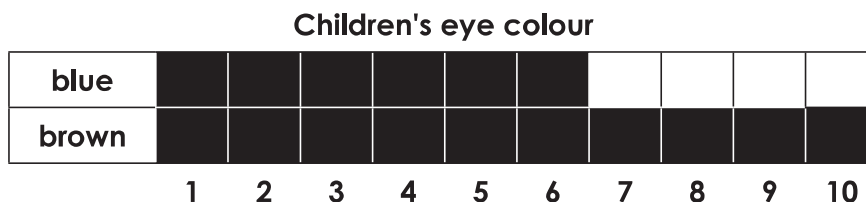


Name: Date:

1. Draw the hour and minute hands to show 3.15.



Use the bar graph to complete Questions 2 and 3.



2. How many children have brown eyes? children
3. Do more children have blue eyes or brown eyes? eyes
4. $11 + 8 =$
5. Keesha has 15 books. She has read 11 of the books. How many books hasn't she read? books



6. How much money altogether? \$.....
7. $6 + 6 + 6 =$
8. Circle the number that is **less**. 45 52
9. Write the next odd number. 3, 5, 7, 9,

10. Write the months in the correct order.
 April June May

My score:

10

My time:

..... minutes seconds

Subtraction mental strategies – the split strategy

3 Use the split strategy to solve this cross number puzzle:

1			2		3	4
		5				
	6			7		
8			9		10	11
		12				
	13			14	15	
	16				17	

Across

1 $50 - 18 = \square$

3 $100 - 43 = \square$

5 $135 - 45 = \square$

6 $70 - 12 = \square$

7 $87 - 23 = \square$

8 $86 - 33 = \square$

10 $78 - 53 = \square$

12 $64 - 16 = \square$

14 $72 - 36 = \square$

16 $105 - 43 = \square$

17 $160 - 117 = \square$

Down

2 $88 - 68 = \square$

4 $128 - 56 = \square$

5 $200 - 102 = \square$

6 $89 - 36 = \square$

8 $88 - 32 = \square$

9 $150 - 112 = \square$

11 $160 - 101 = \square$

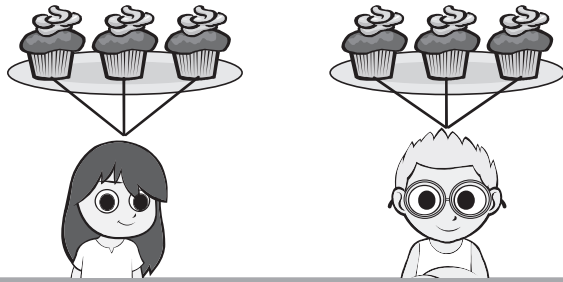
13 $133 - 57 = \square$

15 $99 - 35 = \square$

Division – sharing and grouping

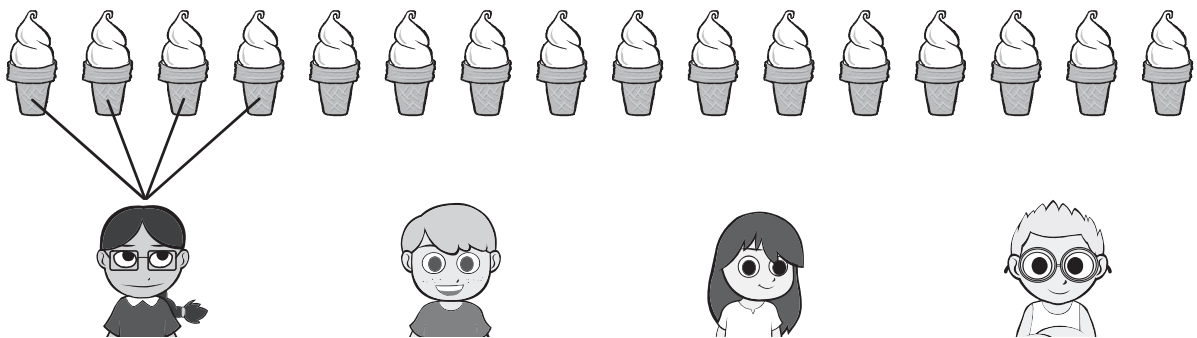
Division is when we make fair shares.

If we share these 6 cakes equally between 2 kids, they each get 3 cakes. We call these fair shares because each share is equal.

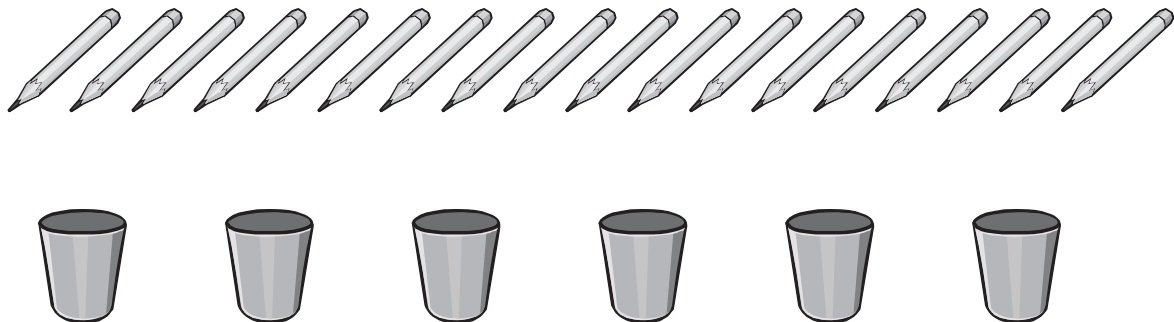


1 Share the items equally in each picture by drawing lines to connect them. Write how many are in each share.

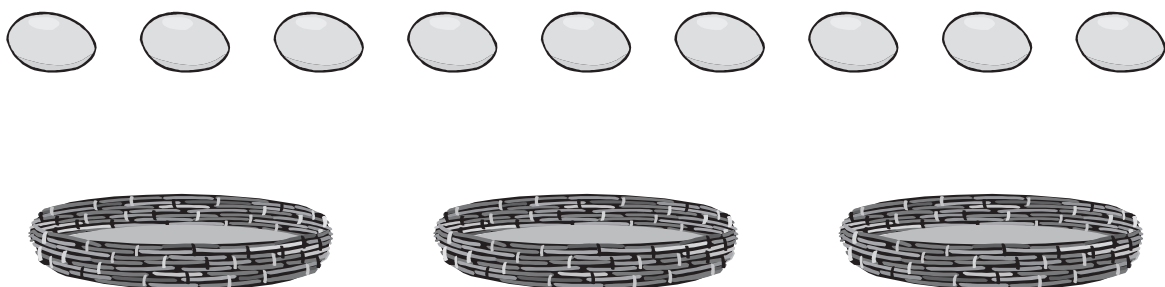
a Share these 16 ice creams between 4 kids. 4 equal shares = _____ each



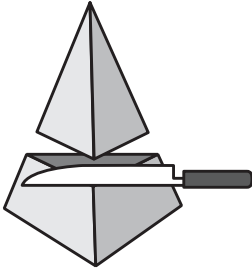
b Share these 18 pencils between 6 pots. 6 equal shares = _____ each



c Share these 9 eggs between 3 baskets. 3 equal shares = _____ each

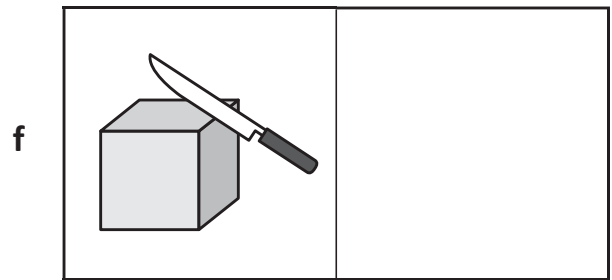
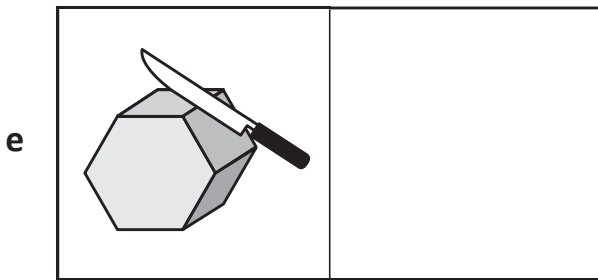
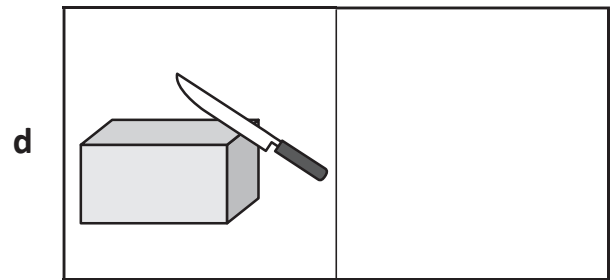
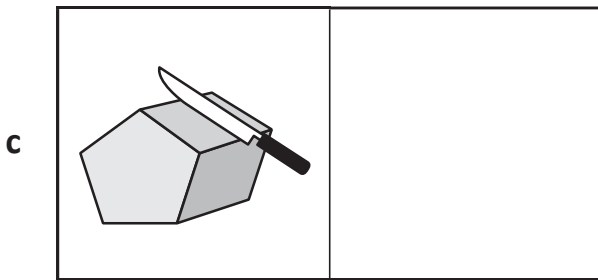
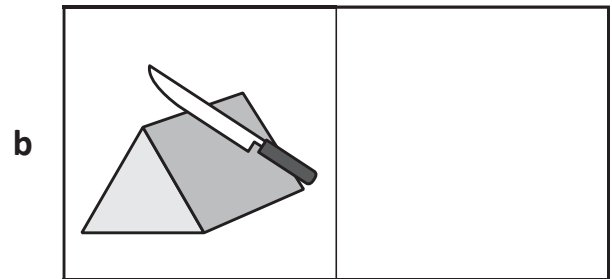
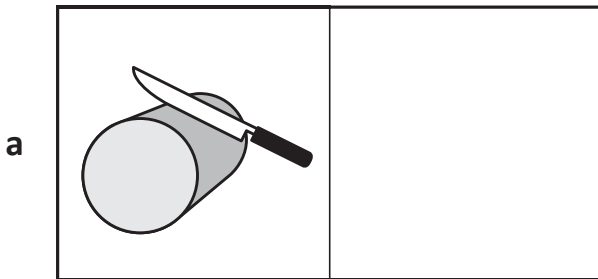


Investigating 3D shapes – cross sections



A cross section is what you see when you slice right through something.

1 Draw the cross section next to each shape:



2 Draw a line on each shape to show where you would cut to get the smallest possible circle.

