1 Write these prices in order, starting with the smallest.

72p   £2.70   £0.27   £7.20   £2.07

[ ] [ ] [ ] [ ] [ ]

smallest

1 mark

2 Amy chooses two of these cards.

| 11 | 23 | 33 | 43 |

She adds the numbers on her two cards together.
She rounds the result to the nearest 10

Her answer is 60

Which two cards did Amy choose?

[ ] and [ ]

1 mark

3 This table shows six different types of cat and where they are found in the world.

	Europe and Middle East	Asia	Africa
Jungle cat	✓	✓	✗
Wildcat	✓	✓	✓
Tiger	✗	✓	✗
Lion	✗	✓	✓
Cheetah	✗	✗	✓
Leopard	✓	✓	✓

Use this table to answer these questions.

Which type of cat is found **only** in Africa?

_____

3a

1 mark

Which types of cat are found in all three parts of the world?

_____

3b

1 mark

4

Liam, Sarah and Amy buy lunch at a salad bar.

salad bar			
Salads		Desserts	
cheese	£1.20	banana	25p
egg	90p	apple pie	50p
tuna	£1.60	yogurt	35p

Liam has £2.50 to spend.

He buys a tuna salad and an apple pie.

How much money has he got left?

p

4a

1 mark

Sarah buys a cheese salad and a yogurt.

Amy buys an egg salad.

How much **more** does Sarah pay than Amy?

Show your **working**. You may get a mark.

4bi

4bii

2 marks

5 Write these times in order, starting with the shortest.

| 24 days | | 10 weeks |

| | 1 month | | 48 hours |

✏️

| | | | |

shortest

1 mark

6 In this diagram the rule is

'to make the number in a triangle,
multiply the numbers in the two squares above it'.

Write in the three missing numbers.

✏️

| 6 | 3 | 8 | | 10 |

18   32

6i

6ii

2 marks

7 Calculate **336 − 192**

8 Each of these four squares has been cut into two new shapes.
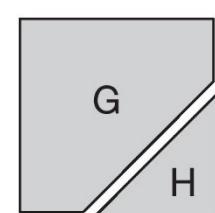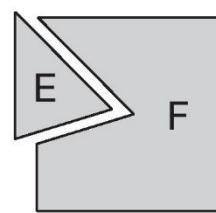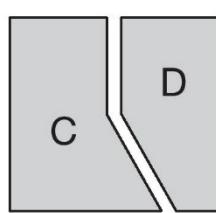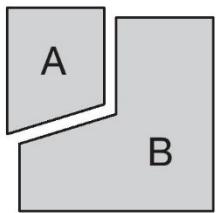
Write the letters of all the new shapes that are **hexagons**.

Write the letters of all the new shapes that are **pentagons**.

9 A book has five stories in it.

This is the contents page.

Contents

	page
Rocket Ship	5
Night Journey	17
Secret Palace	25
Jack	41
Deep Water	59

Deep Water finishes on page 68

Which is the longest story?

_____

9

1 mark

Total out of 4 _____

10 Here is a Carroll diagram for sorting numbers.

Write these **five** numbers in the correct places on the diagram.

25   247   7002   49   990

	odd	**not** odd
a 3-digit number		
not a 3-digit number		

10i

10ii

2 marks

11 Calculate **634 × 6**

11

1 mark

12

Big Wheel	Rollercoaster
£2.50	£1.50
each ride	each ride

Liam spends £14 altogether on the Big Wheel and the Rollercoaster.

He goes on the Big Wheel twice.

How many times does he go on the Rollercoaster?

Show your **working**. You may get a mark.

12i

12ii

2 marks

Liam has two different sizes of rectangle.

45 cm

20 cm

He makes this pattern with them.

A

B

Not actual size
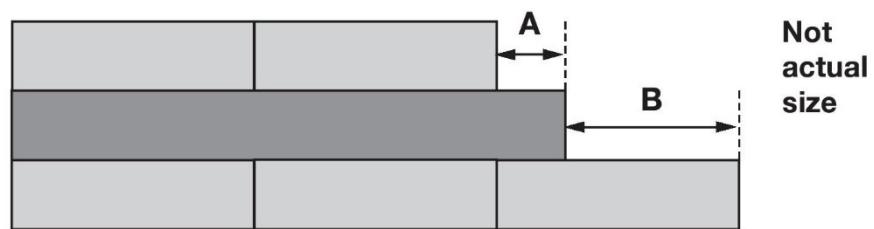
Calculate the lengths of **A** and **B**.

A = ☐ cm

13a

1 mark

B = ☐ cm

13b

1 mark

14 Here are five number cards.

$\boxed{\dfrac{1}{2}}$ $\boxed{1\dfrac{1}{2}}$ $\boxed{2}$ $\boxed{2\dfrac{1}{2}}$ $\boxed{3\dfrac{1}{2}}$

Use **three** of the number cards to make this calculation correct.

$$\left(\ \boxed{}\ +\ \boxed{}\ \right)\times\boxed{}\ =\ 10$$

14

1 mark

15 An iced cake costs 10p more than a plain cake.

Sarah bought two of each cake.

They cost £1 altogether.

What is the cost of an **iced** cake?

Show your **working**. You may get a mark.

p

15i

15ii

2 marks

16 Amy has some circular tiles and some rectangular tiles.

She makes these patterns with them.

For each pattern, put a tick (✔) if it has a line of symmetry.
Put a cross (✘) if it does not.
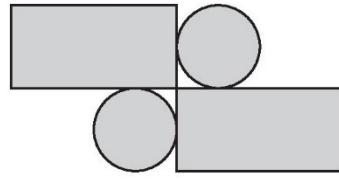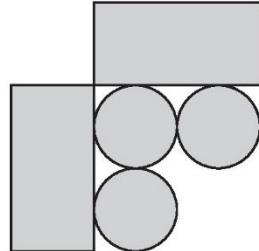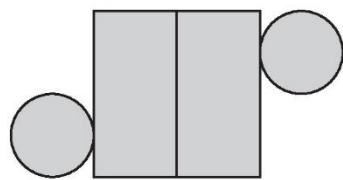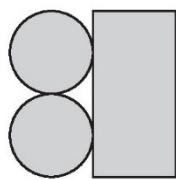
16i _____

16ii _____

2 marks

17

Three **different** numbers add up to 40

The numbers are all even.

Each number is less than 20

Write what the three **different** numbers could be.

$$\boxed{} + \boxed{} + \boxed{} = 40$$

17

1 mark

18

Liam makes a sequence of numbers starting with 300

He subtracts 125 each time.

Write the next two numbers in Liam's sequence.

300   175   50 $\boxed{}$ $\boxed{}$

18a

1 mark

18b

1 mark

Here is a grid of dots.

Point **A** and point **B** are joined by a straight line.

Draw a line to join point **A** to another dot on the grid so that the two lines make a right angle.

Use a ruler.
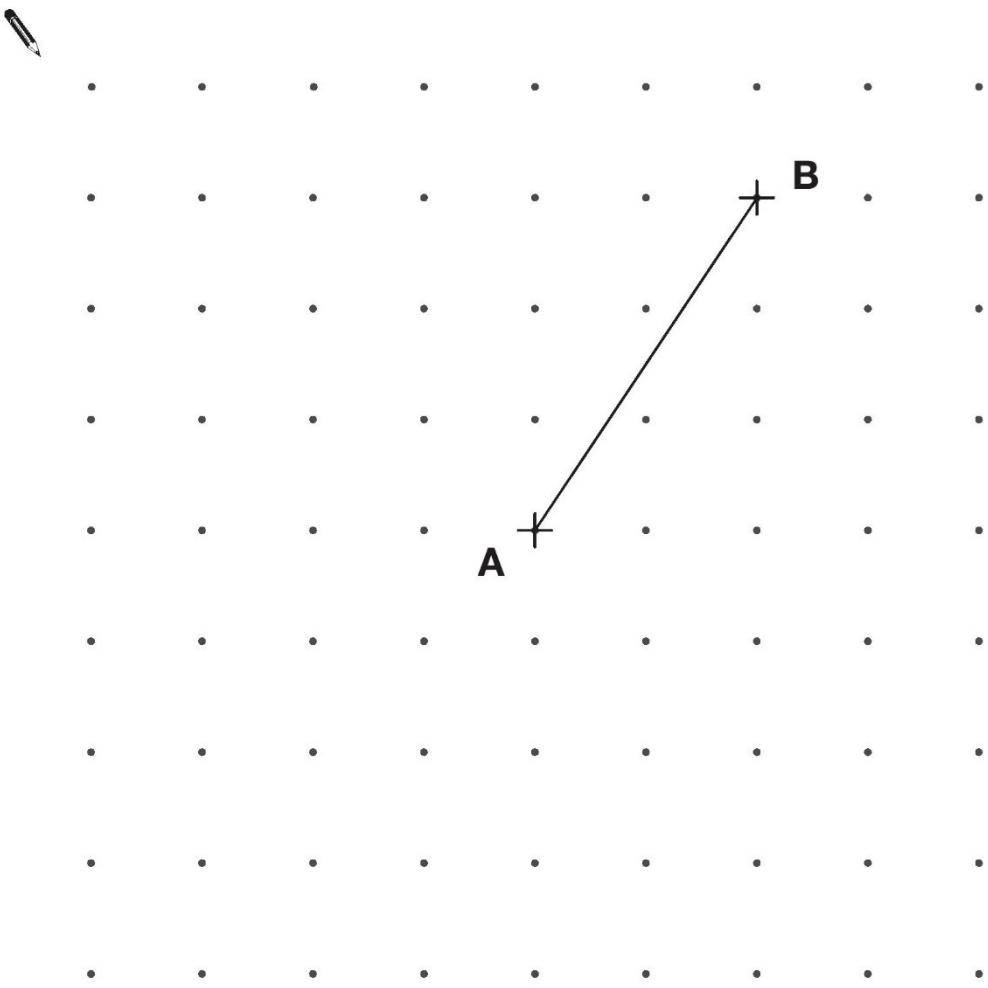
20 Circle the fraction that is greater than $\frac{1}{2}$ but less than $\frac{3}{4}$

$\frac{7}{8}$ $\frac{2}{5}$ $\frac{1}{3}$ $\frac{5}{8}$ $\frac{3}{6}$

21

7 cm
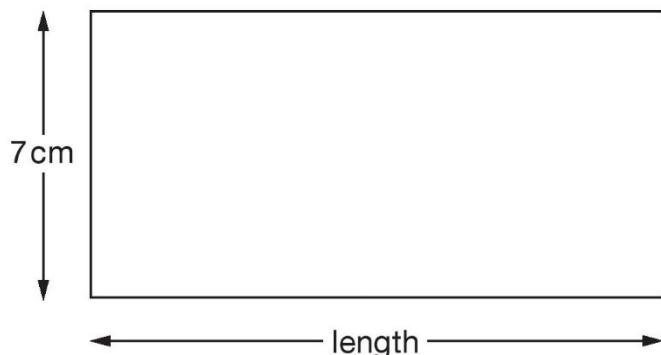
length

Not actual size

The perimeter of this rectangle is 50 centimetres.

Calculate the length of the rectangle.

Show your **working**. You may get a mark.

cm

Total out of 4 _____

22 A shop sells books, CDs and DVDs.

This pie chart shows the sales of each in one week.
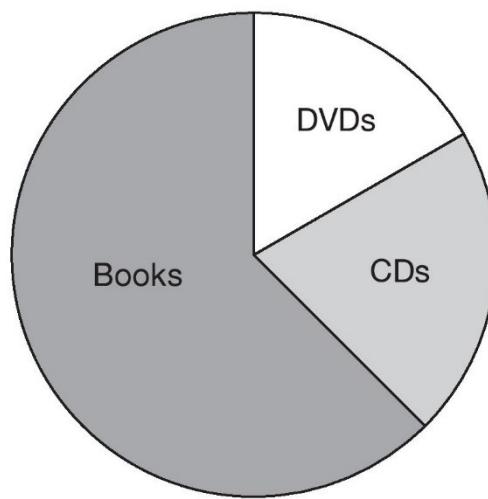
Estimate the **fraction** of the total sales that were DVDs.

In this week, 200 **CDs** were sold.

Estimate how many books were sold.

23 Write the missing number to make this calculation correct.

$$11 \times \boxed{} = 1111$$

24 Here is a quadrilateral on a square grid.

The quadrilateral is translated so that point **A** moves to point **B**.

Draw the quadrilateral in its new position.

Use a ruler.
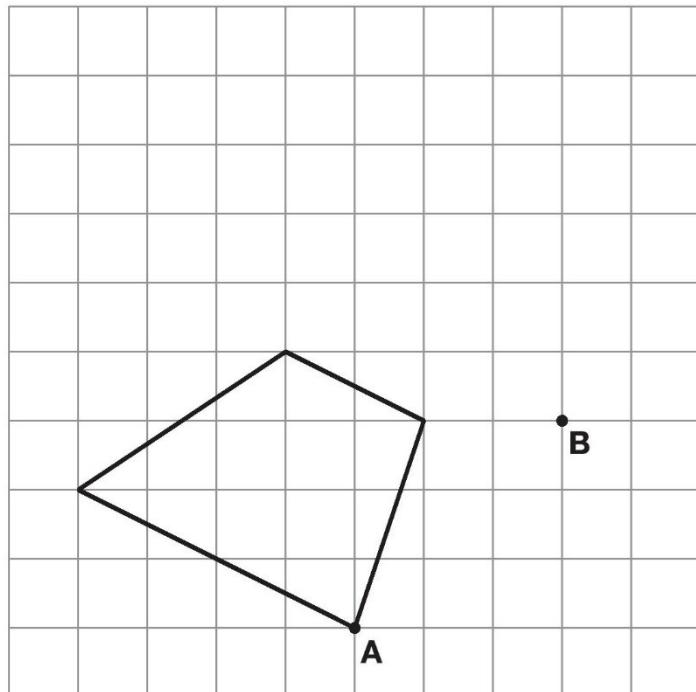
25 Sarah had a bag of cherries.
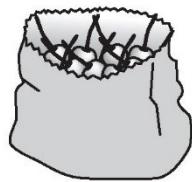
She ate 5 cherries, then gave half of what she had left to Liam.

Liam ate 5 of his cherries, then gave half of what he had left to Amy.

Amy got 2 cherries.

How many cherries did Sarah have in her bag at the start?
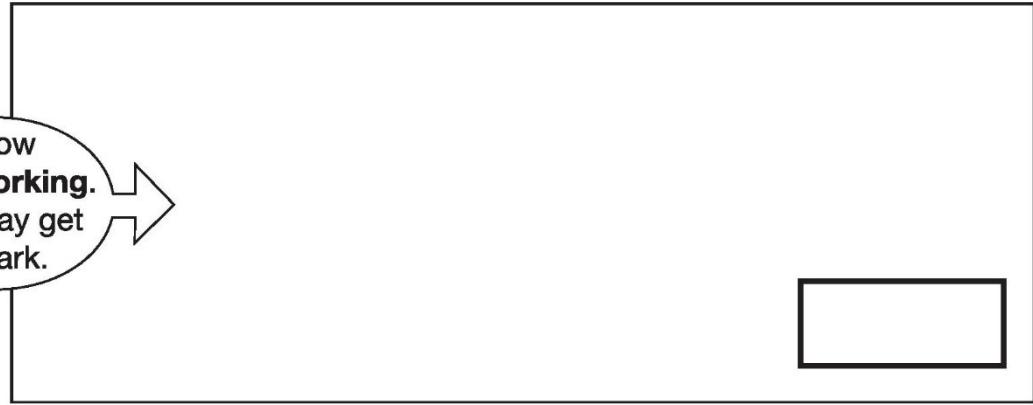
Show your **working.** You may get a mark.

25i

25ii

2 marks

20

26 If you know **40%** of a number, explain how you could work out the original number.

26

1 mark

Total out of 3 _____