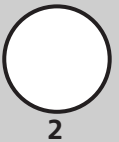


Name: \_\_\_\_\_

Class: \_\_\_\_\_ Date: \_\_\_\_\_

- 1** Some children are investigating **factors** of **24**. Peter says there are **6** factors, Kim says there are **8** and Dean says there are **12**.  
Use the box below to show your workings. Who is right?

Show  
your  
method



- 2** Find two fractions that are equivalent to each of these fractions.

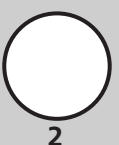
$$\frac{3}{4} \quad \frac{\square}{\square} \quad \frac{\square}{\square}$$

$$\frac{5}{8} \quad \frac{\square}{\square} \quad \frac{\square}{\square}$$



- 3** 4 children each eat  $\frac{2}{3}$  of a pizza. How much pizza has been eaten **altogether**? Write your answer as a **mixed number**.

Show  
your  
method

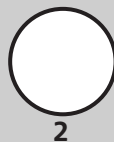
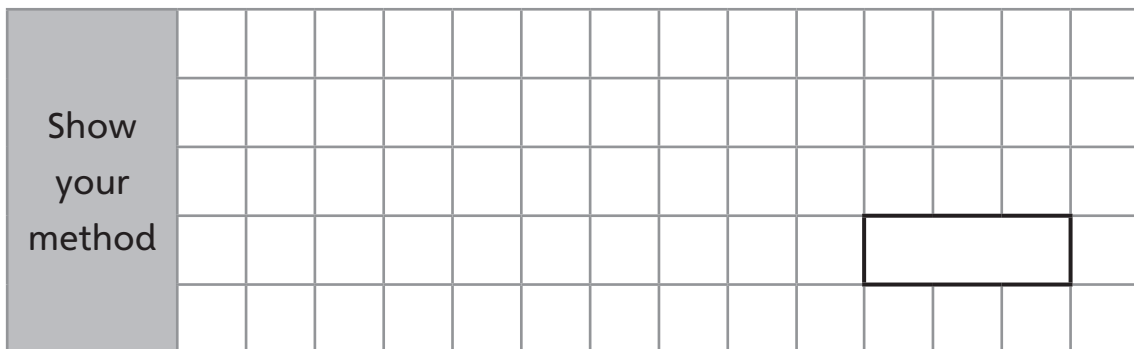



4

A farmer is packing eggs into boxes of 6. He has **506** eggs.

How many **boxes** can he fill?

Show  
your  
method



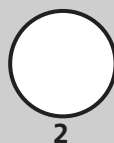
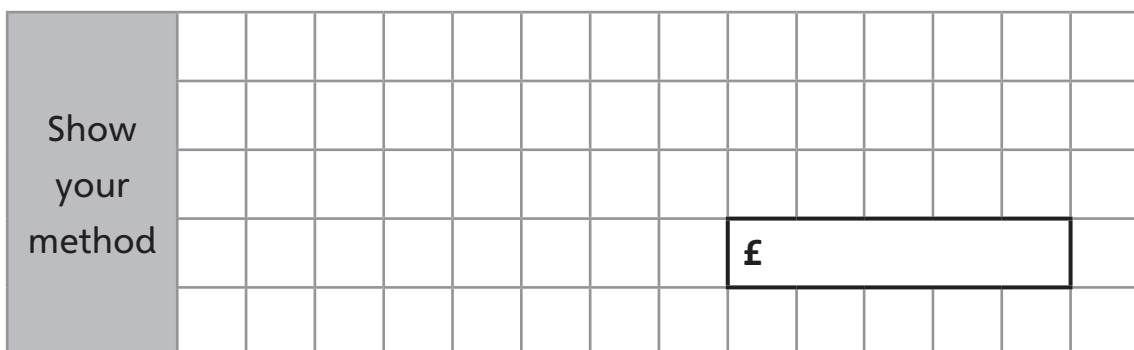
2

5

One day a shop sells **13** televisions for **£256** each.

How much money did the shop take in **total** that day?

Show  
your  
method

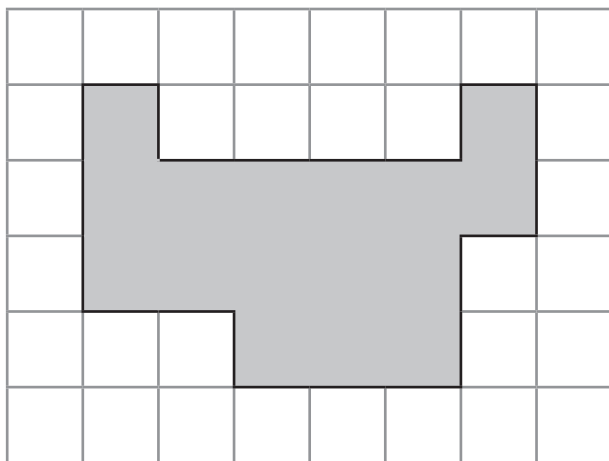


2

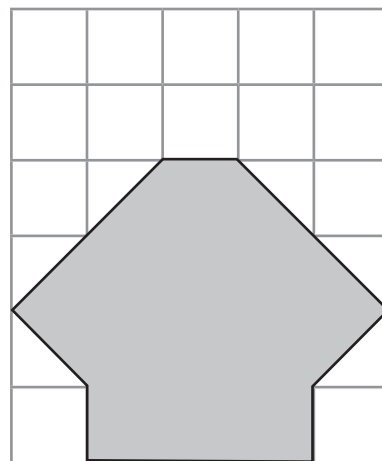
6

Two shaded polygons are drawn on a **cm squared** grid.

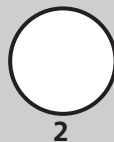
What is the **area** of each polygon?



a) area =  cm<sup>2</sup>



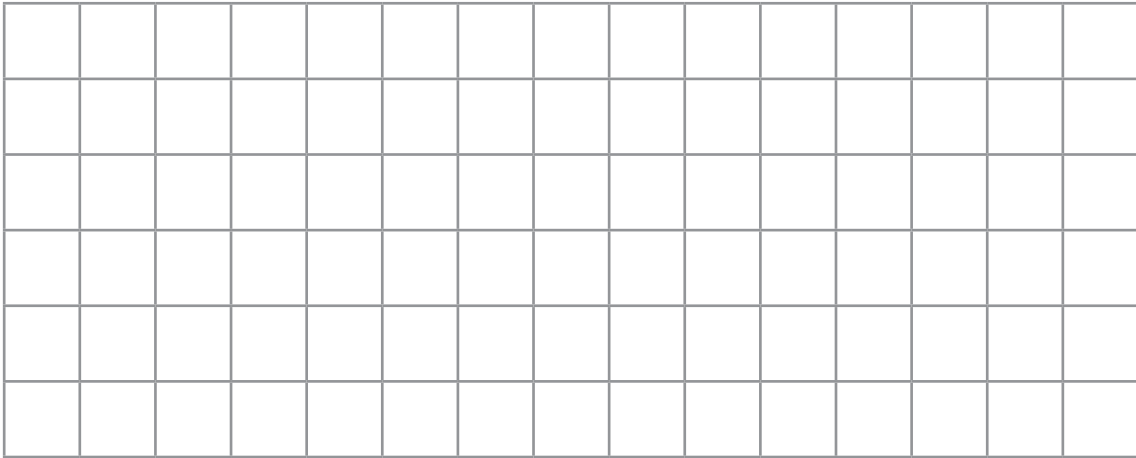
b) area =  cm<sup>2</sup>



2

7

On the **cm square** grid below, draw **two different rectangles**, each with a **perimeter of 16 cm**.



8

A rectangle has an **area** of **72 cm<sup>2</sup>**. One of its sides is **12 cm**. What are the **lengths** of the other **3** sides of the rectangle?

cm

cm

cm

What is the perimeter of the rectangle?

cm

Use the box below to show any workings.

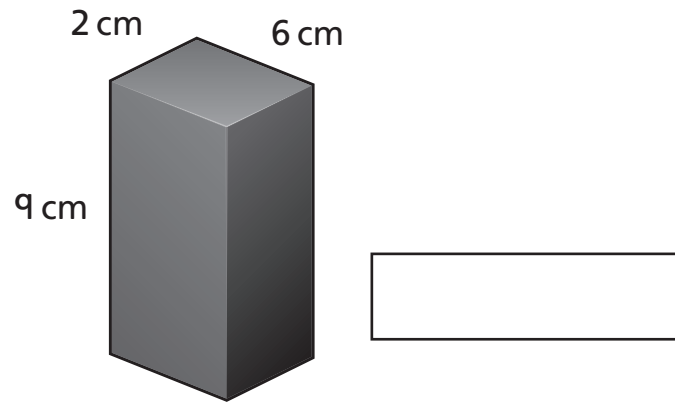
Show  
your  
method

2

2

9

What is the **volume** of this **cuboid**?



10

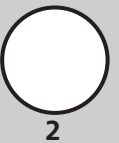
True or false? Write **T** or **F**.

$$\frac{1}{4} = 0.4$$

$$1\% = \frac{1}{100}$$

$$\frac{4}{5} = 40\%$$

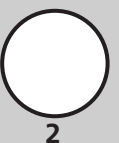
$$0.7 = 70\%$$



11

There are **250** children at Eastly Primary School. **20%** bring a packed lunch. **How many** children bring a packed lunch?

Show  
your  
method



12

Match the Roman numerals to their value.

MCCXIV	2061
XCVIII	1703
MMLXI	1214
MDCCIII	683
DCLXXXIII	98

13

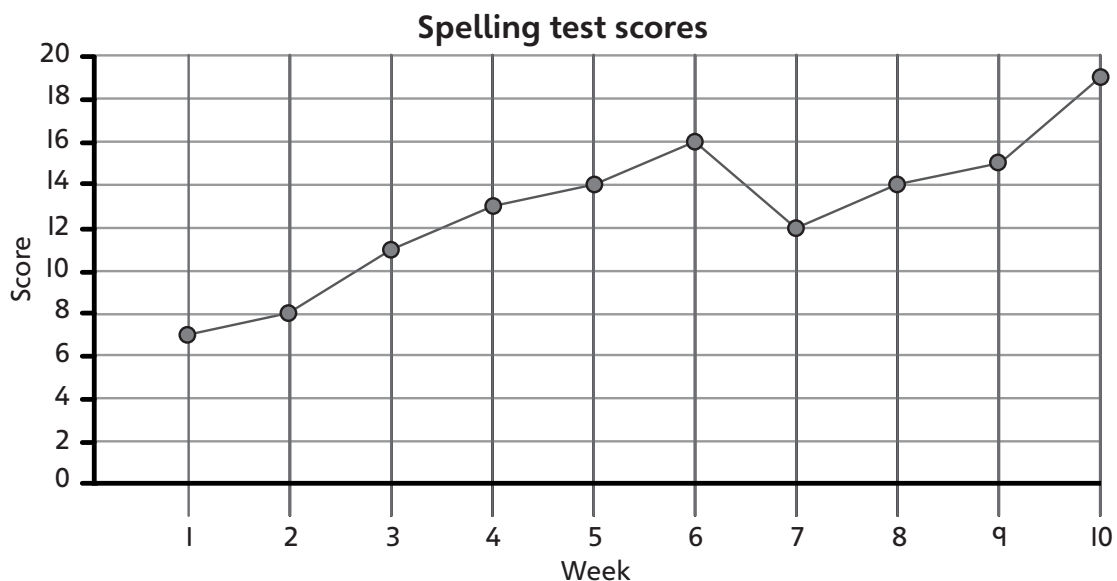
The graph below shows Gill's scores in her weekly spelling test. Use the information in the graph to answer these questions:

How many **more** did she score in **week 6** than in **week 7**?

In which week did she score **II**? Week

In which **two weeks** did she score the **same**? Weeks  and

What is the **difference** between her **highest** and **lowest** scores?



2

2

14

A bus **leaves** Walgrove at **07:38** and **arrives** at Gainsmead at **13:24**.  
How long did the journey take?

Show  
your  
method



2

15

A factory makes **scaled** model furniture for dolls' houses.  
Each piece of furniture is  $\frac{1}{10}$  of the actual measurements.

The **length** and **width** of a bed are **1.9 m** and **80 cm** respectively.  
What will the **dimensions** of the **model** bed be?

Show  
your  
method

length =

width =



2

**For teacher use**

Your mark	_____ out of 30
What went well	
How to improve	