



Learning Review

Year Six Autumn Term

Name: _____

Class: _____

Date: _____

Time: **30 minutes**

Marks: **27 marks**

Comments:

1.

This table shows the temperature at 9 am on three days in January.

1st January	8th January	15th January
+5°C	−4°C	+1°C

What is the difference between the temperature on 1st January and the temperature on 8th January?

°C

1 mark

On 22nd January the temperature was 7 degrees lower than on 15th January.

What was the temperature on 22nd January?

°C

1 mark

2.

Write the four missing digits to make this **addition** correct.

$$\begin{array}{r}
 \boxed{} \boxed{6} \boxed{} \boxed{8} \\
 + \quad \boxed{3} \boxed{} \boxed{9} \boxed{} \\
 \hline
 \boxed{9} \boxed{0} \boxed{1} \boxed{9}
 \end{array}$$

2 marks

3.

14,890 festival tickets were sold before the event.
 Another 6,752 were sold on the day.
 546 people did not arrive at the festival.

How many people were at the festival altogether?

Show
your
method

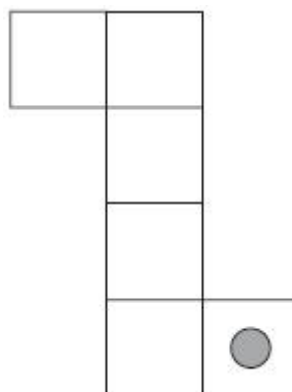
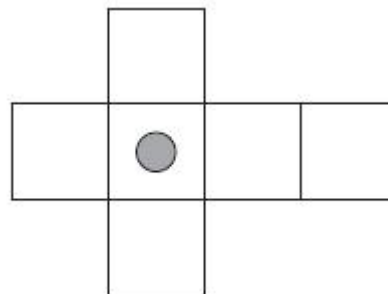
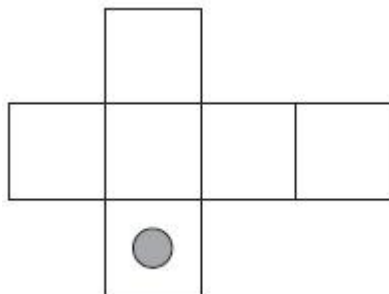
people

2 marks

4.

Here are three nets of a cube.

On each net draw **one more dot** so that each cube will have dots on **opposite** faces.



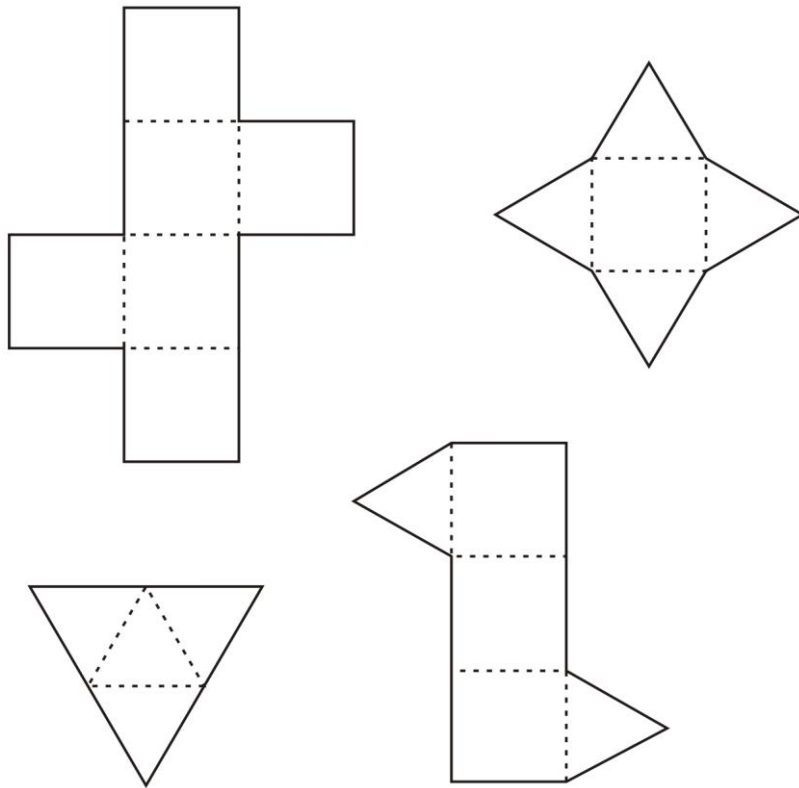
2 marks

5.

Here are some nets of shapes.

For each net, put a tick (✓) if it folds to make a **pyramid**.

Put a cross (X) if it does not.



1 mark

6.

Calculate 509×24

Show your method

2 marks

7.

Write the two missing digits to make this **long multiplication** correct.

$$\begin{array}{r}
 \begin{array}{r}
 4 \square \\
 \times \square 6 \\
 \hline
 246 \\
 820 \\
 \hline
 1066
 \end{array}
 \end{array}$$

2 marks

8.

Calculate $936 \div 36$

Show
your
method

2 marks

9.

An adult ticket for the zoo costs **£2 more** than a child ticket.

I spend a total of **£33** buying **3** adult and **2** child tickets.



(a) How much does an adult ticket cost?

£

1 mark

(b) How much does a child ticket cost?

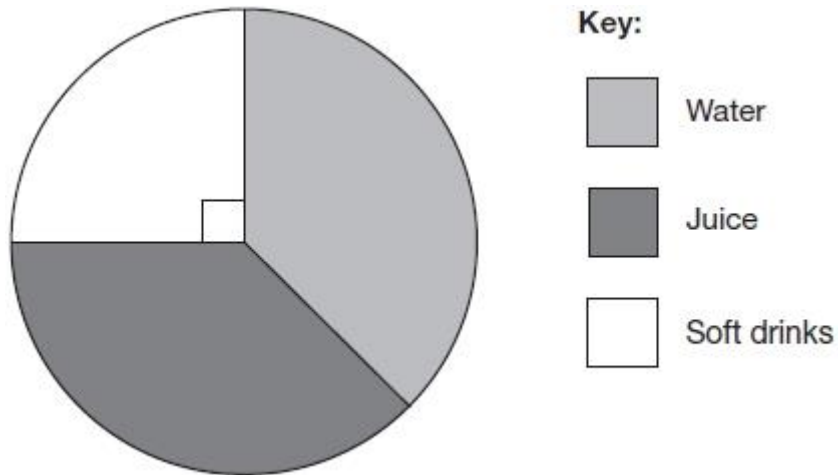
£

1 mark

10.

A shop sells drinks.

The pie chart compares the money a shop took last year for water, juice and soft drinks.



The shop took £8,264 for soft drinks.

Sales of water and juice were **equal**.

How much money did the shop take for **juice** last year?

Show your method

£

2 marks

11.

In each box, circle the number that is **greater**.

$1\frac{1}{2}$	1.2
----------------	-----

$1\frac{1}{4}$	1.3
----------------	-----

$1\frac{5}{100}$	1.4
------------------	-----

$1\frac{3}{5}$	1.5
----------------	-----

2 marks

12.

Amina asked 60 children to choose their favourite flavour of jelly.

These were her results.

Flavour	Number of children
Raspberry	12
Lemon	8
Orange	15
Blackcurrant	25
Total	60

What **percentage** of the 60 children chose orange?

%

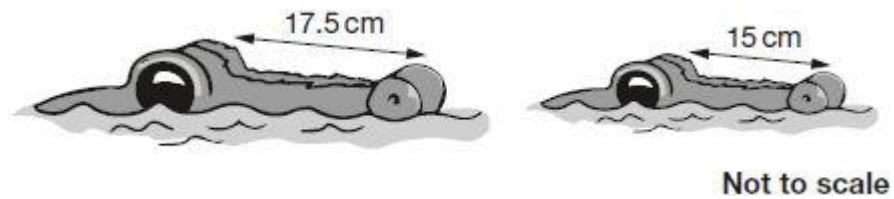
1 mark

13.

The length of an alligator can be estimated by:

- measuring the distance from its eyes to its nose
- then multiplying that distance by 12

What is the **difference** in the estimated lengths of these two alligators?



Show your method

cm

2 marks

14.

A packet contains 1.5 kg of oats.



Every day Maria uses 50 g of oats to make porridge.

How many days does the packet of oats last?

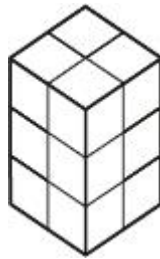
Show your method

days

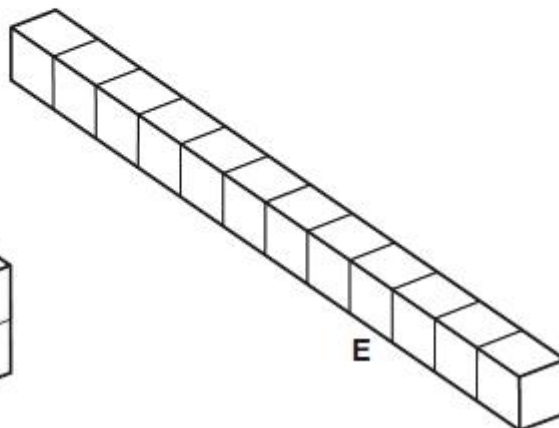
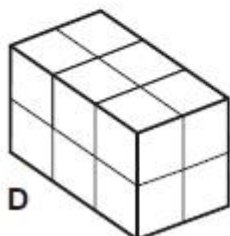
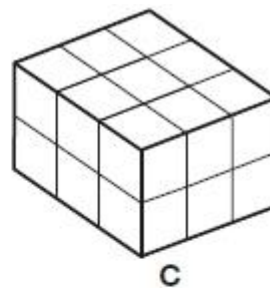
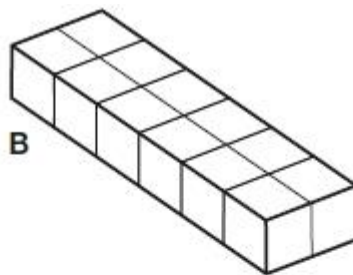
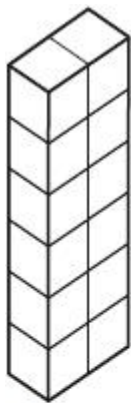
2 marks

15.

Emma makes a cuboid using 12 cubes.



Write the letter of the cuboid that has a **different** volume from Emma's cuboid.



1 mark