

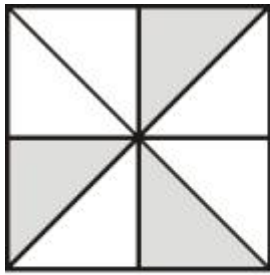
Year 3

Fractions

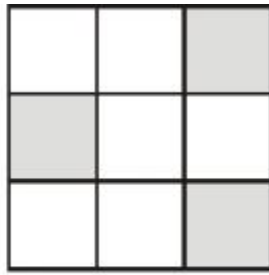
Q1.

Each of these diagrams is divided into equal parts.

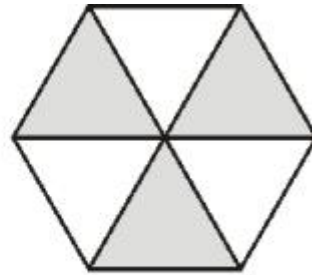
Some of the parts are shaded.



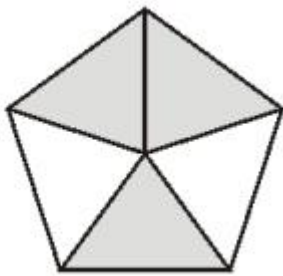
A



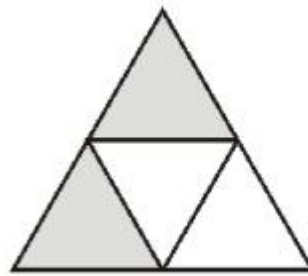
B



C



D

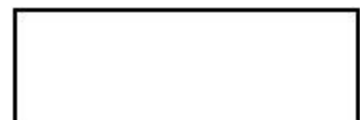


E

Write the letters of all the diagrams that have exactly $\frac{1}{2}$ shaded.

_____ 1 mark

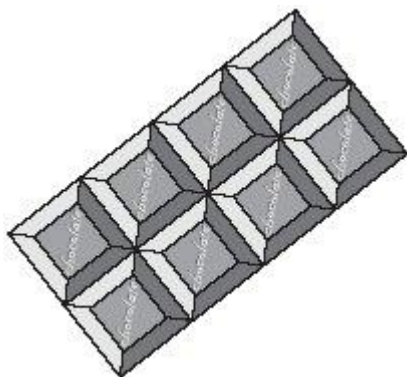
Which of the diagrams has exactly $\frac{1}{3}$ shaded?



1 mark

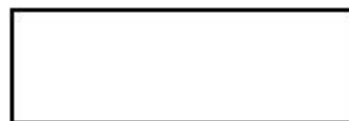
Q2.

Here is a chocolate bar.



William eats 3 pieces and Amber eats 2 pieces.

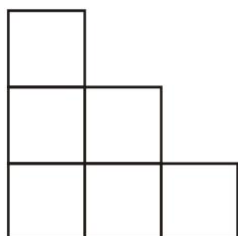
What **fraction** of the chocolate bar **remains**?



1 mark

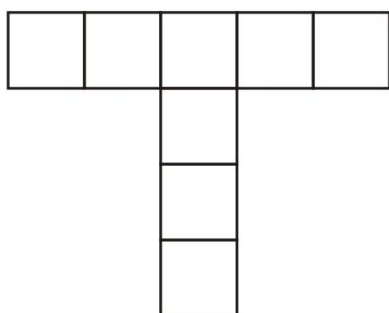
Q3.

Shade **one third** of this shape.



1 mark

Shade **one quarter** of this shape.



1 mark

Q4.

Circle the **two** fractions that have the same value.

$$\frac{2}{10}$$

$$\frac{1}{3}$$

$$\frac{1}{2}$$

$$\frac{5}{10}$$

$$\frac{1}{4}$$

1 mark

Q5.

Circle the **two** fractions that are **greater than** $\frac{1}{2}$

$$\frac{1}{8}$$

$$\frac{6}{10}$$

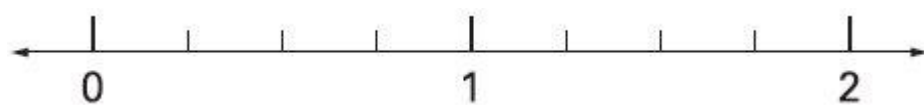
$$\frac{5}{8}$$

$$\frac{3}{10}$$

1 mark

Q6.

Draw an arrow (↓) on the number line to show $1\frac{3}{4}$



1 mark

Q7.

Write these prices in order from smallest to largest.

99p

£10.50

£0.75

£9

£2.05



smallest

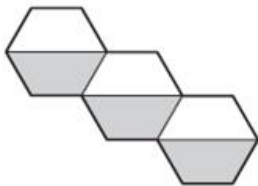
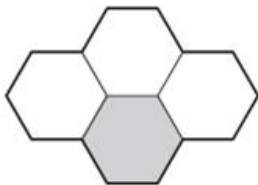
largest

1 mark

Q8.

Here are three shapes made from regular hexagons.

Write the **fraction** of each shape that is shaded.



2 marks

Q9.

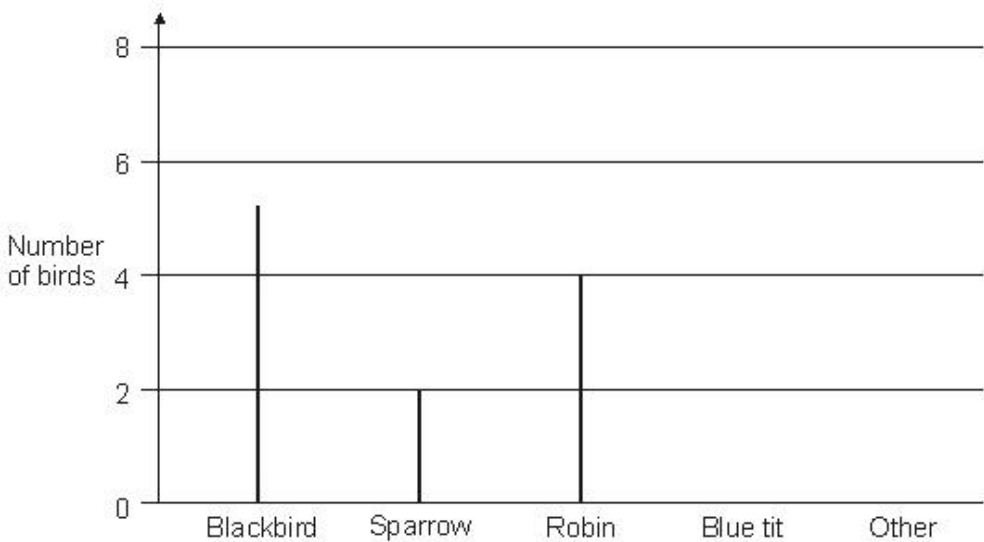
Rosie collects data about birds visiting a bird table.

Here are her results.

Blackbird	
Sparrow	
Robin	
Blue tit	
Other	



Draw **two** more lines to complete the graph.



1 mark

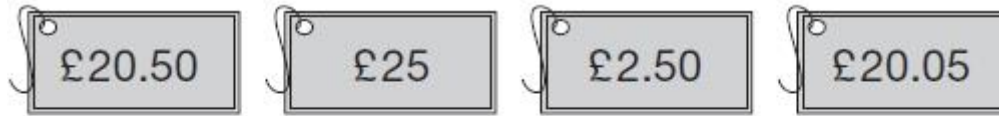
Rosie saw **20 birds** altogether.

What **fraction** of the birds were blackbirds?



Q10.

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



£	£	£	£
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smallest