

1.

John had £5

He gave 25% of it to charity.

How much did he give?

£

1 mark

2.

Complete the table.

fraction	decimal
$\frac{67}{100}$	0.67
	0.3
$\frac{7}{10}$	
	0.09
$\frac{93}{100}$	

2 marks

3.

Write these numbers in order, starting with the smallest.

0.6

$\frac{3}{10}$

0.2

$\frac{9}{10}$

smallest

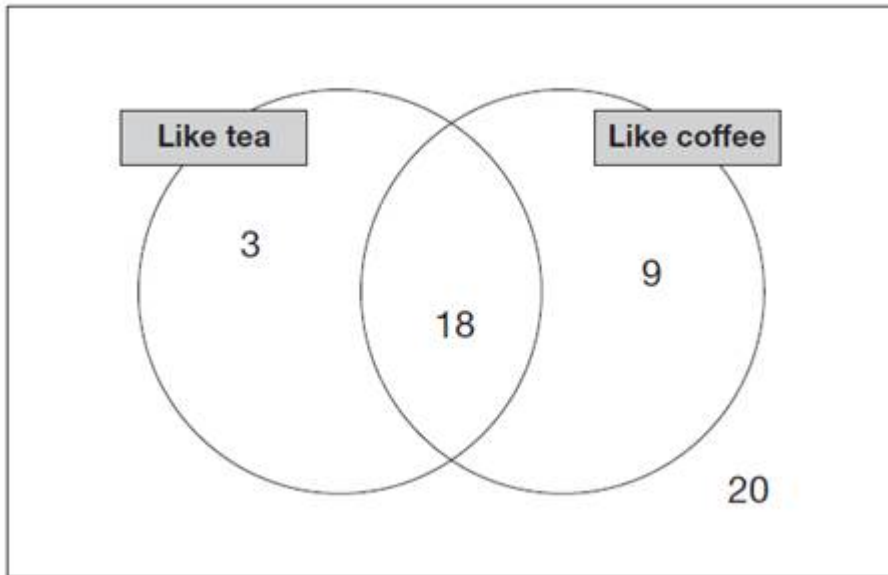
largest

1 mark

4.

In a survey people were asked if they like tea and coffee.

The results are in this Venn diagram.



(a) What **percentage** of people in the survey like **both** tea and coffee?

1 mark

(b) What **percentage** of people in the survey do **not** like coffee?

1 mark

5.

Put a tick (✓) in **each row** to complete this table.

One has been done for you.

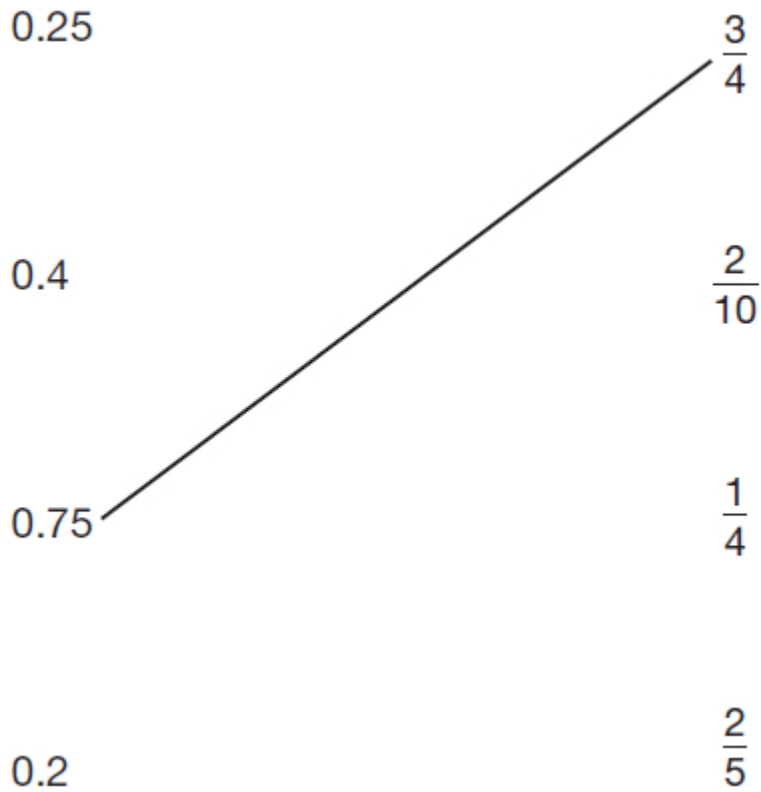
	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		
$\frac{11}{20}$		
0.21		

2 marks

6.

Match each decimal number to its equivalent fraction.

One has been done for you.



1 mark

7.

Write these in order of size, starting with the smallest.

$\frac{3}{4}$     0.34    0.7    43%

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smallest

1 mark

8.

Hassan scores 40 out of 80 in a test.

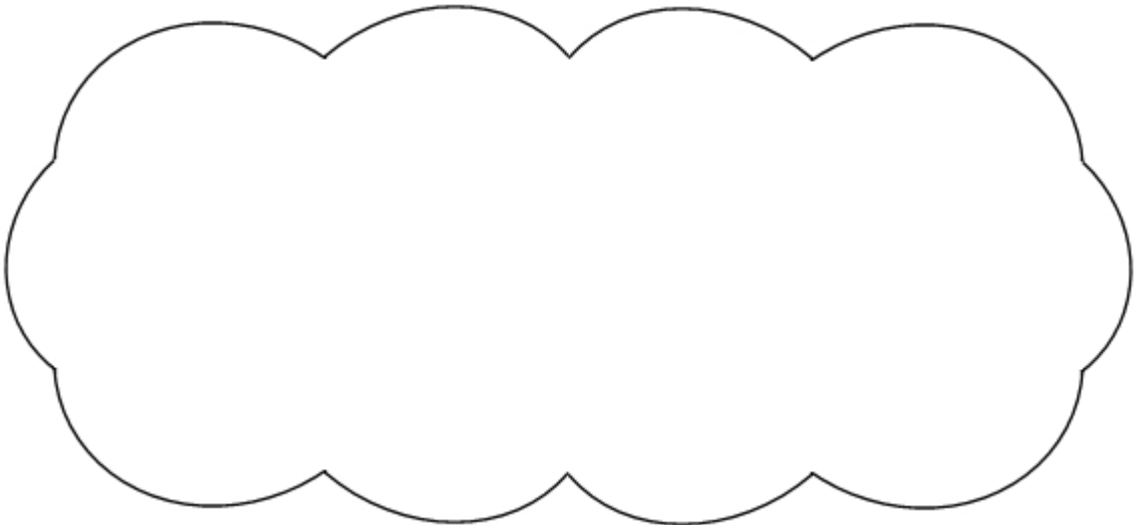
Kate scores 40% in the same test.

Who has the higher score?

Circle **Hassan** or **Kate**.

Hassan / Kate

Explain how you know.



1 mark

9. Write these in order of size, starting with the smallest.

$$\frac{2}{3}$$

0.5

$$\frac{3}{5}$$

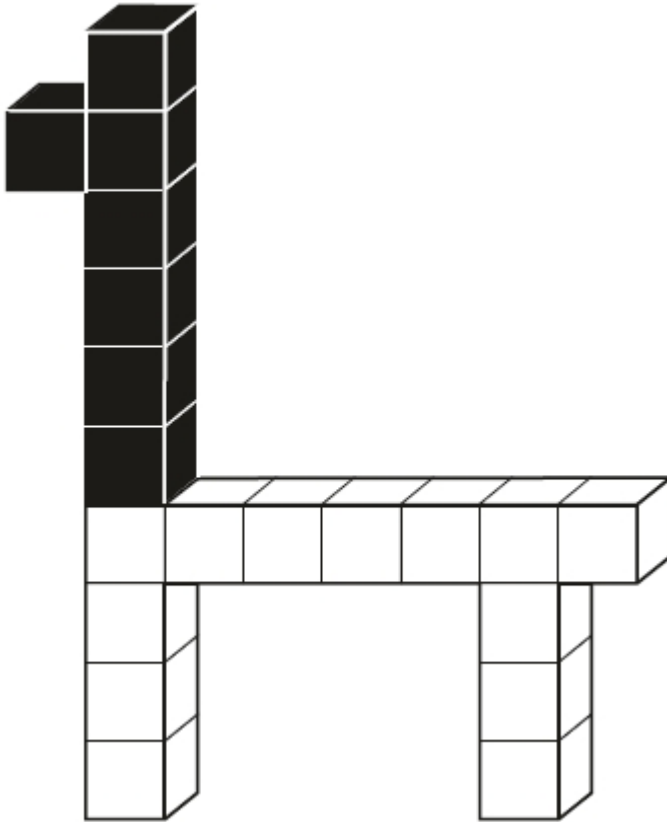
0.65

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smallest

1 mark

10. This model is made with 20 cubes.



What **percentage** of the cubes in the model is black?

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1 mark

11.

Adam says,

0.25 is smaller than  $\frac{2}{5}$



Explain why he is correct.

A large, empty, cloud-shaped box with a scalloped border, intended for the student to write their explanation.

1 mark

12.

Draw **four** lines to match each fraction to its equivalent decimal.

0.3

$\frac{1}{2}$

0.5

$\frac{3}{10}$

0.8

$\frac{3}{4}$

0.03

$\frac{3}{100}$

0.25

0.75

2 marks

13.

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

$1\frac{1}{2}$	1.2
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$1\frac{1}{4}$	1.3
----------------	-----

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

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

2 marks

14.

Tick the **two** numbers that are equivalent to  $\frac{1}{4}$

Tick **two**.

0.25

0.75

$\frac{25}{100}$

0.5

$\frac{2}{5}$

1 mark



15.

Tick the fractions that are **equal** to 20%.

$$\frac{1}{20} \quad \square$$

$$\frac{20}{40} \quad \square$$

$$\frac{1}{5} \quad \square$$

$$\frac{3}{15} \quad \square$$

$$\frac{2}{100} \quad \square$$

2 marks