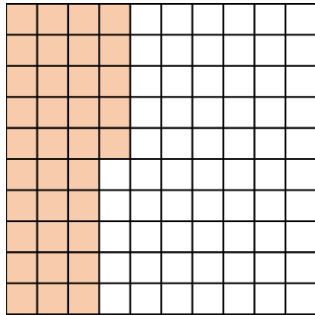


Name _____

- 1 This hundred square represents one whole.



What percentage is shaded? _____

What fraction is **not** shaded? _____

2 marks

- 2 Complete the statements using $<$, $>$ or $=$

2% ○ 0.2

$\frac{4}{10}$ ○ 0.36

25% ○ $\frac{1}{4}$

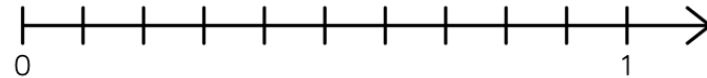
3 marks

- 3 Draw lines to show where the numbers would lie on the number line.

$\frac{7}{10}$

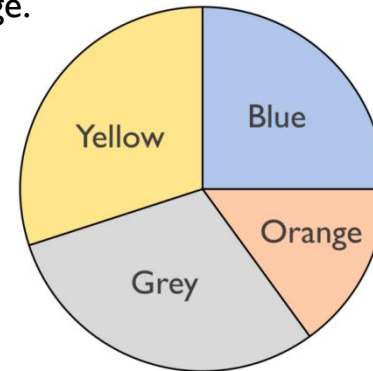
0.15

$\frac{38}{100}$



3 marks

- 4 One quarter of this pie chart is blue.
15% is orange.



What **percentage** is blue or orange? _____

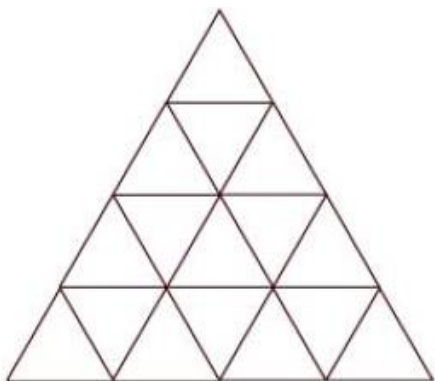
1 mark

The other two sections are equal in size.

What percentage of the whole chart is yellow? _____

1 mark

- 5 Each of the small triangles in the diagram is equal in size.
Shade $\frac{3}{8}$ of the diagram.



- 6 Complete the boxes so the fractions are all equivalent.

$$\frac{3}{5} = \frac{\square}{10} = \frac{33}{\square}$$

- 7 Circle the **largest** fraction.

$$\frac{3}{4} \qquad \frac{5}{6}$$

Explain how you chose your answer.

- 8 Here are some number cards.

$$28 \div 100$$

Tick the cards that have the same value as the calculation above.

$$\frac{14}{50}$$

$$\frac{7}{25}$$

0.28

$$14 \div 50$$

- 9 Put these numbers in order of size, starting with the smallest.

$$\frac{3}{8}$$

$$\frac{37}{1000}$$

$$\frac{2}{5}$$

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

$$\frac{19}{100}$$

- 10 The sequence below is linear.
Work out the next two terms, giving your answers as fractions, decimals or percentages.

0.6

75%

$$\frac{9}{10}$$

1 mark

2 marks

1 mark

2 marks

2 marks

2 marks

Total marks