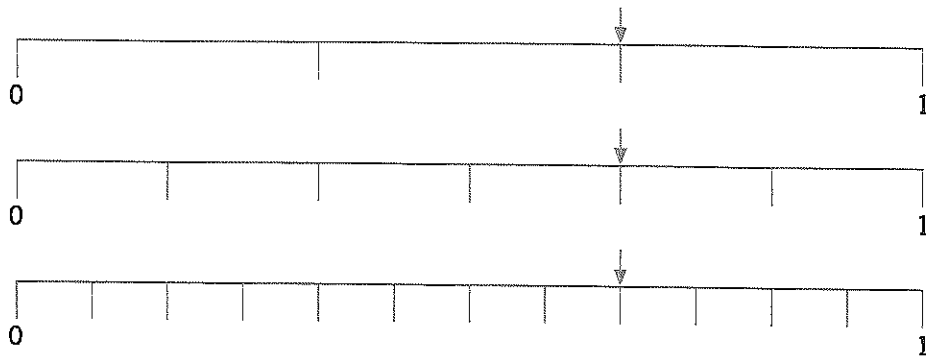


Test 3: Fractions, decimals and percentages

1 Some equivalent fractions are shown on the number lines.

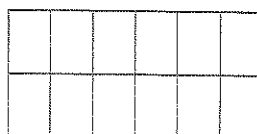
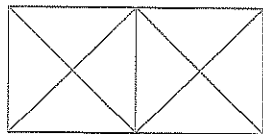
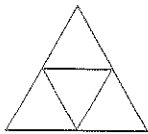


Write the missing values to make these equivalent fractions correct.

$$\frac{2}{3} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{12}$$

1 mark

2 Shade $\frac{3}{4}$ of each shape.



1 mark

3 Circle the two numbers that are not equivalent to 0.2.

$\frac{1}{2}$ $\frac{1}{5}$ 20% 2% 0.20

1 mark

4 These numbers have been placed in order, starting with the smallest. Two are in the wrong place. Cross them out and write them in the correct place.

2.02 2.022 2.2 2.22 2.202
 smallest largest

1 mark

5 Look at these statements.

Put a tick if they are true and a cross if they are false.

$\frac{1}{6}$ is double $\frac{1}{3}$ $0.3 \times 10 = 0.30$ Double $\frac{1}{5}$ is half of $\frac{8}{10}$

1 mark

- 6 Phoebe painted $\frac{1}{3}$ of a wall on Monday, $\frac{1}{2}$ of the wall on Tuesday and the rest of the wall on Wednesday.

What fraction of the wall did she point on Wednesday?

Show your method.

2 marks

- 7 Draw lines to match the equivalent improper fractions and mixed numbers. One has been done for you.

$2\frac{1}{2}$	$1\frac{2}{5}$	$2\frac{3}{8}$	$1\frac{4}{5}$
$\frac{9}{5}$	$\frac{7}{5}$	$\frac{19}{8}$	$\frac{5}{2}$

Note: A line is drawn from the $2\frac{1}{2}$ diamond to the $\frac{5}{2}$ box.

1 mark

- 8 An ice cream shop sells chocolate and vanilla ice creams.

Last week, they sold 351 ice creams.

$\frac{2}{3}$ of the ice creams sold were chocolate flavour.

How many vanilla ice creams were sold?



Show your method.

vanilla ice creams

2 marks

Total marks Time taken