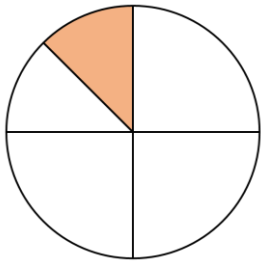


Name _____

1 Explain why this diagram does not show $\frac{1}{5}$



1 mark

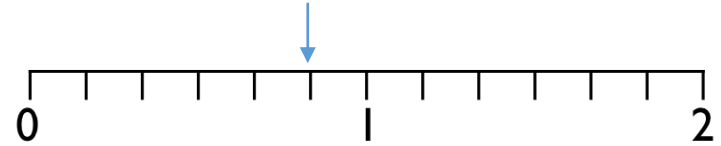
2 $\frac{3}{5} = \frac{\square}{10}$



You may use the bar model to help you.

1 mark

3 What fraction is the arrow pointing to?



1 mark

What do you need to add to this fraction to make 2?

1 mark

4 Calculate.

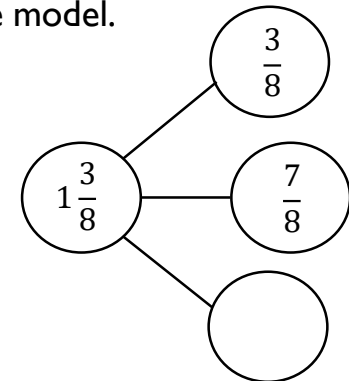
$$\frac{3}{8} + \frac{1}{8} + \frac{1}{8} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} - \frac{2}{7} = \underline{\hspace{2cm}}$$

$$\frac{5}{12} + \frac{1}{4} = \underline{\hspace{2cm}}$$

3 marks

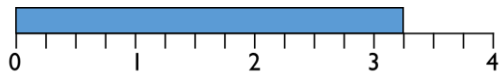
5 Complete the part-whole model.



1 mark

6 Write the mixed numbers as improper fractions.

$$3\frac{1}{4} = \frac{\square}{4}$$



$$4\frac{2}{3} = \frac{\square}{\square}$$

2 marks

7 Calculate $3\frac{5}{12} + 2\frac{1}{3}$

2 marks

8 Calculate $\frac{1}{4} + 0.6$

1 mark

9 Compare using $<$, $>$ or $=$

$$\frac{6}{10} \bigcirc 0.4 + \frac{2}{5}$$

$$3 - \frac{4}{5} \bigcirc 2 + \frac{1}{8}$$

2 marks

10 $a = \frac{5}{6}$ and $b = \frac{2}{3}$

Calculate

$$a - b = \underline{\hspace{2cm}}$$

$$a + b = \underline{\hspace{2cm}}$$

2 marks

11 Jay drinks $7\frac{2}{5}$ litres of water in a week.

H Amina drinks $5\frac{2}{3}$ litres of water in a week.
How much more water does Jay drink than Amina?

2 marks

12 Write as a single fraction.

$$\frac{2x}{5} + \frac{3x}{10}$$

1 mark

Total marks