Year 3

Fractions

Name _____

1 Shade $\frac{2}{6}$ of the circle.　　Shade $\frac{1}{3}$ of the circle.
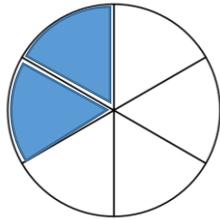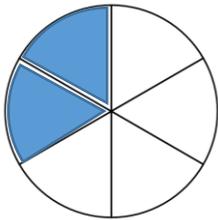
2 marks

2 Shade $\frac{1}{2}$ of the shape.
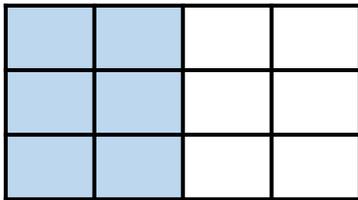
1 mark

Complete the equivalent fraction.

$$\frac{1}{2} = \frac{6}{12}$$

1 mark

3 Complete the missing boxes.

0　　$\frac{1}{3}$　　$\frac{2}{3}$　　1

1 mark

0　　$\frac{1}{5}$　　$\frac{2}{5}$　　$\frac{3}{5}$　　$\frac{4}{5}$　　1
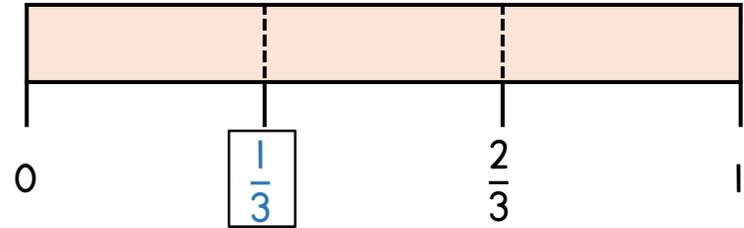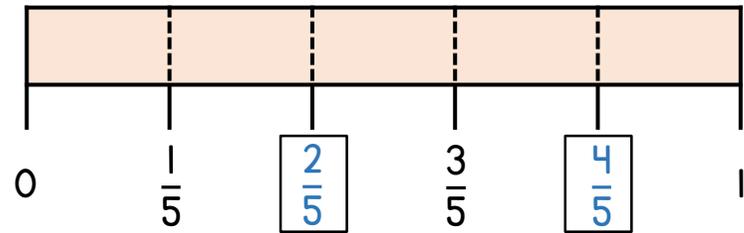
1 mark

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

$\frac{3}{5}$ $<$ $\frac{4}{5}$

$\frac{1}{3}$ $>$ $\frac{1}{5}$

2 marks

4 Amy, Zac and Harry are running a race.

Zac has run $\frac{1}{2}$ of the race.

Amy has run $\frac{3}{4}$ of the race.

Harry has run $\frac{1}{4}$ of the race.

Who has run the shortest distance?
Explain your answer.

Harry because $\frac{1}{4}$ is shorter than $\frac{1}{2}$ and $\frac{3}{4}$

Award one mark for Harry and one mark for a reasonable explanation.

☐ 2 marks

5 Use the ten frame to help you complete the number sentences.
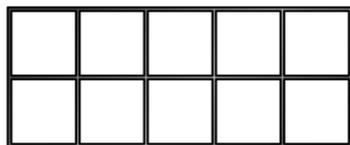
$$\frac{2}{10} + \frac{\boxed{8}}{10} = \frac{10}{10}$$

$$1 - \frac{2}{10} = \frac{\boxed{8}}{10}$$

☐ 2 marks

6 Complete the part-whole models.

$\frac{8}{8}$ → $\frac{3}{8}$, $\frac{5}{8}$

1 → $\frac{5}{8}$, $\frac{3}{8}$

$\frac{5}{9}$, $\frac{4}{9}$ → 1
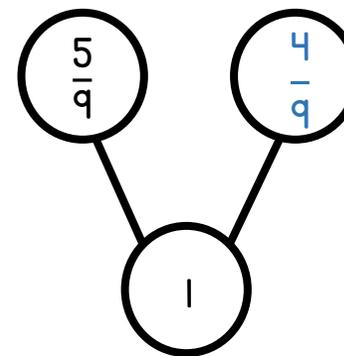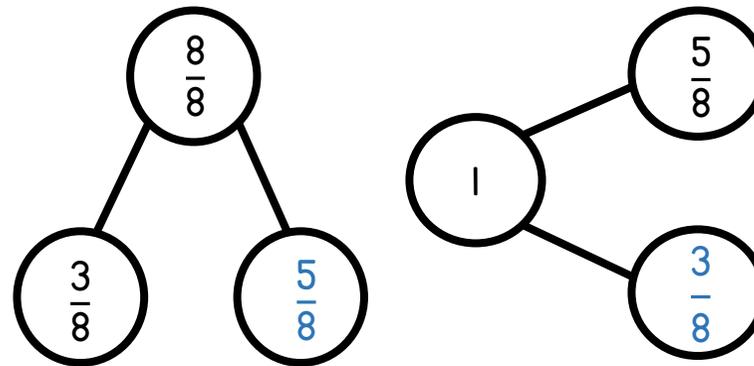
☐ 3 marks

Circle how confident you feel with fractions.

1   2   3   4   5

Not confident   Very confident