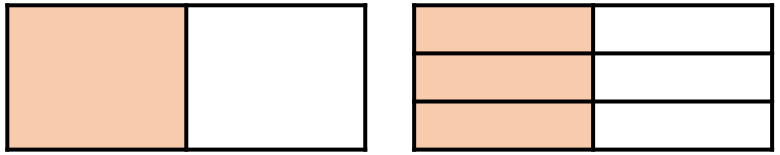
Year 5

Fractions A

Name _____

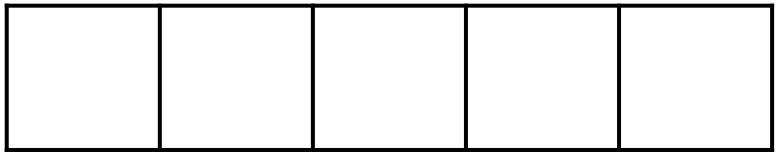
1 Use the diagram to help you complete the equivalent fraction.



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

1 mark

2 Use the diagram to show that $\frac{3}{5}$ is equal to $\frac{6}{10}$



1 mark

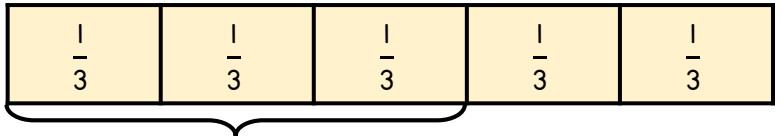
3 Complete.

$$\frac{10}{35} = \frac{\square}{7} \qquad \frac{\square}{27} = \frac{2}{3}$$

$$\frac{3}{5} = \frac{9}{\square} = \frac{\square}{35}$$

4 marks

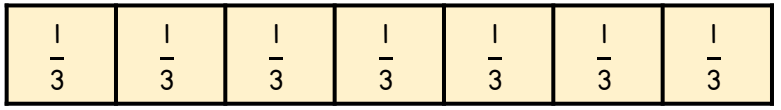
4 Jack uses a bar model to convert $\frac{5}{3}$ to a mixed number.



1 whole

So $\frac{5}{3}$ is equal to $1\frac{2}{3}$

Convert $\frac{7}{3}$ to a mixed number.

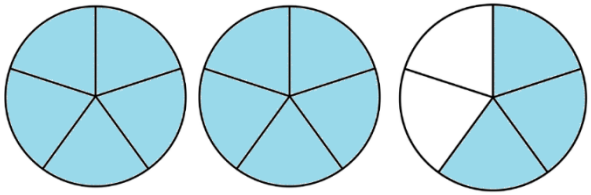


_____

1 mark

5 Convert $2\frac{3}{5}$ to an improper fraction.

Use the diagram to help you.



_____

1 mark

6 Complete.

$$13\frac{7}{10} = \frac{\square}{10} \qquad \square\frac{2}{3} = \frac{20}{3}$$

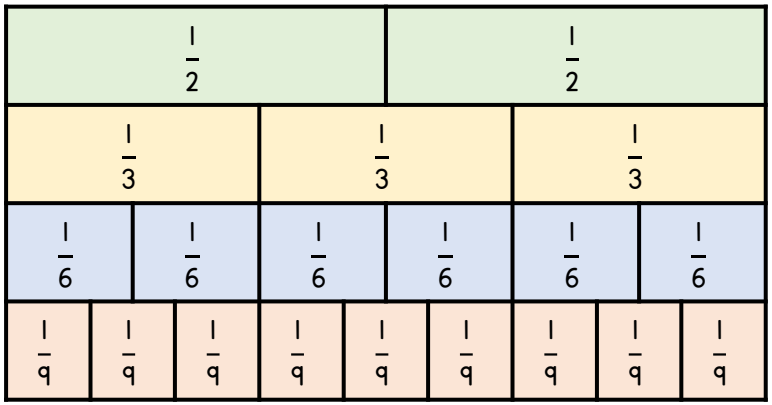
2 marks

7 Complete.

$4\frac{3}{5} = \frac{\square}{\square}$ $\qquad$ $\frac{13}{6} = \square\frac{\square}{\square}$

2 marks

8 Annie makes a fraction wall using coloured blocks.



Complete using $<$, $>$ or $=$

$\frac{1}{2}$ ◯ $\frac{1}{3}$

$\frac{5}{6}$ ◯ $\frac{7}{9}$

$\frac{4}{9}$ ◯ 1

3 marks

9 Hassan and Amy have the same amount of juice in a carton.

Hassan drinks $\frac{3}{4}$ of his juice.

Amy drinks $\frac{5}{6}$ of her juice.

Who has the most juice left?

You must show your working.

2 marks

10 $11 \div 3 = \square\frac{\square}{3}$

1 mark

11 Put the fractions in order starting with the smallest.

$2\frac{7}{10}$ $\qquad$ $1\frac{1}{2}$ $\qquad$ $2\frac{4}{5}$

Explain your answer.

2 marks

Circle how confident you feel with fractions.

1	2	3	4	5
Not confident				Very confident