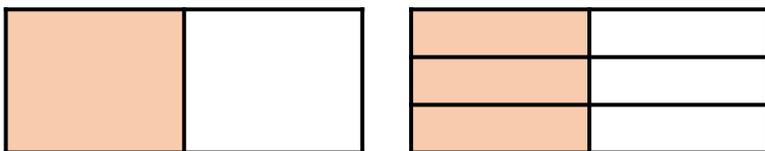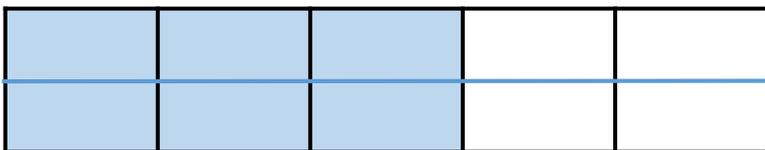# Year 5

Fractions

A

Name _____

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

$$\frac{1}{2} = \frac{\boxed{3}}{6}$$

1 mark

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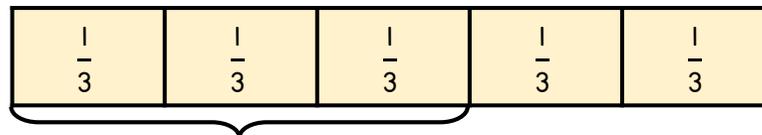
1 mark

3 Complete.

$$\frac{10}{35} = \frac{\boxed{2}}{7} \qquad \frac{\boxed{18}}{27} = \frac{2}{3}$$

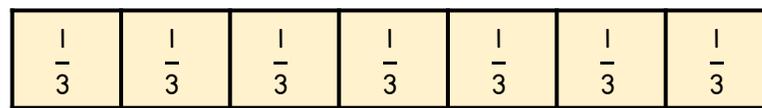$$\frac{3}{5} = \frac{9}{\boxed{15}} = \frac{\boxed{21}}{35}$$

4 marks

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

| $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ |

1 whole

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

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

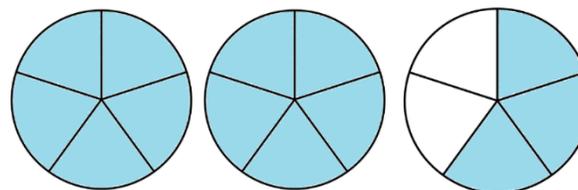| $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ |

1 whole   1 whole $2\frac{1}{3}$

_____

1 mark

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

Use the diagram to help you.

$\frac{13}{5}$

_____

1 mark

6 Complete.

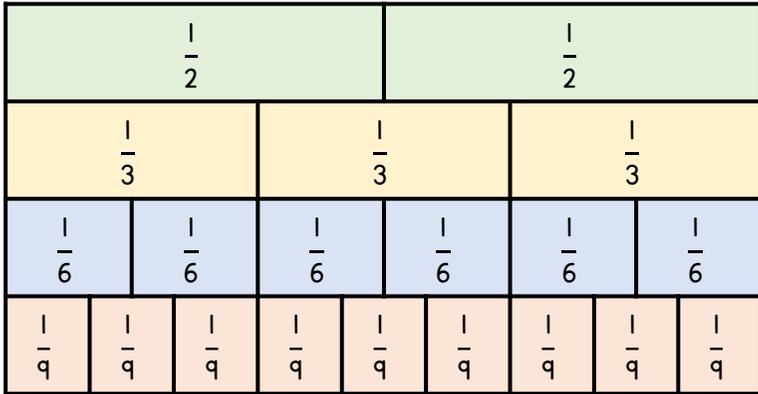$$13\frac{7}{10} = \frac{\boxed{137}}{10} \qquad \boxed{6}\frac{2}{3} = \frac{20}{3}$$

2 marks

7 Complete.

$$4\frac{3}{5} = \frac{23}{5}$$

$$\frac{13}{6} = 2\frac{1}{6}$$

8 Annie makes a fraction wall using coloured blocks.

Complete using <, > or =   I mark for 2 correct.

$$\frac{1}{2} \; \boxed{>} \; \frac{1}{3}$$

$$\frac{5}{6} \; \boxed{>} \; \frac{7}{9}$$

$$\frac{4}{9} \; \boxed{<} \; 1$$

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.

I mark for correct method of comparing fractions. 0 marks for correct answer with no working.

Hassan
_____

10

$$11 \div 3 = 3\frac{2}{3}$$

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.

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

Circle how confident you feel with fractions.

1	2	3	4	5
Not confident				Very confident