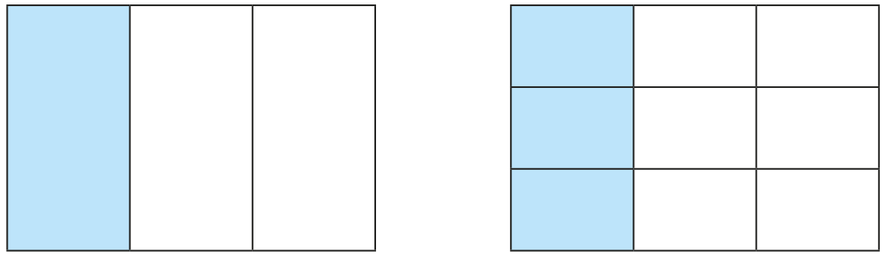
Version B

Fractions A

White Rose MATHS

Name: _____

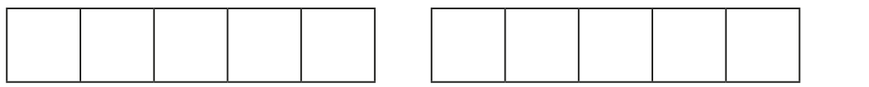
1 Use the diagram to help you complete the equivalent fraction.



$\frac{1}{3} = \frac{\square}{9}$

1 mark

2 Use the diagram to work out $\frac{2}{5} + \frac{4}{5}$



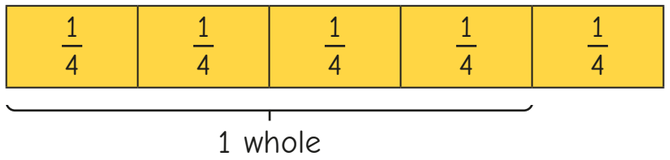
1 mark

3 Complete the equivalent fractions.

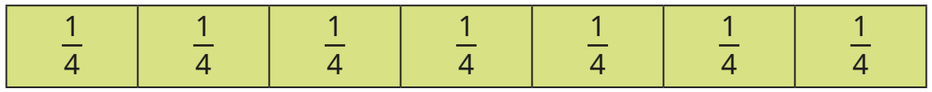
$\frac{15}{35} = \frac{\square}{7}$ $\qquad \frac{\square}{16} = \frac{3}{4}$ $\qquad \frac{2}{5} = \frac{6}{\square} = \frac{\square}{45}$

4 marks

4 Jack uses a bar model to show that $\frac{5}{4} = 1\frac{1}{4}$



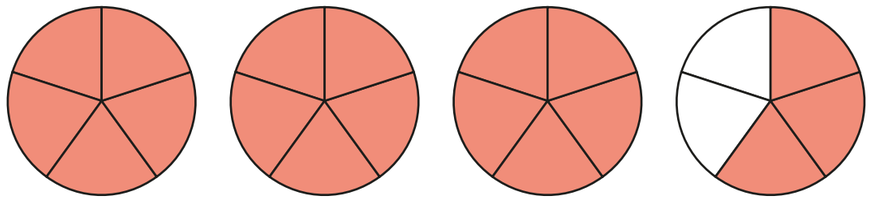
Use this bar model to convert $\frac{7}{4}$ to a mixed number.



1 mark

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

Use the diagram to help you.



1 mark

6 Complete the statements.

$17\frac{2}{10} = \frac{\square}{10}$ $\qquad \square\frac{2}{7} = \frac{30}{7}$

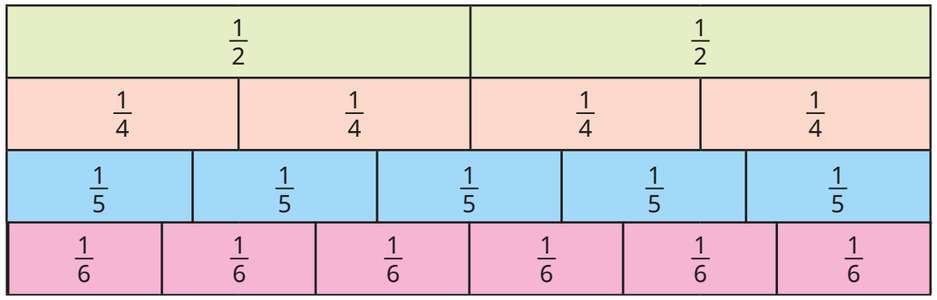
2 marks

7 Use the bar model to work out $\frac{1}{4} + \frac{3}{8}$

2 marks

8 Write <, > or = to compare the numbers.

You may use the fraction wall to help you.



$\frac{1}{4}$ ◯ $\frac{1}{5}$

1 mark

$\frac{4}{5}$ ◯ $\frac{5}{6}$

1 mark

$\frac{6}{6}$ ◯ $\frac{5}{5}$

1 mark

9 Amir and Jo have the same amount of juice in a carton.

- Amir drinks $\frac{5}{6}$ of his juice.
- Jo drinks $\frac{7}{8}$ of her juice.

Who has more juice left? _____

Explain your answer.

2 marks

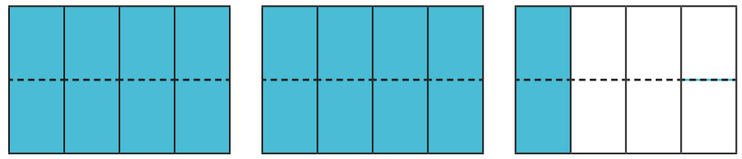
10 Complete the division.

$22 \div 5 = \square \frac{\square}{\square}$

1 mark

11 Work out the subtractions.

$2\frac{1}{4} - \frac{5}{8}$



1 mark

$1\frac{4}{5} - \frac{9}{10}$

1 mark