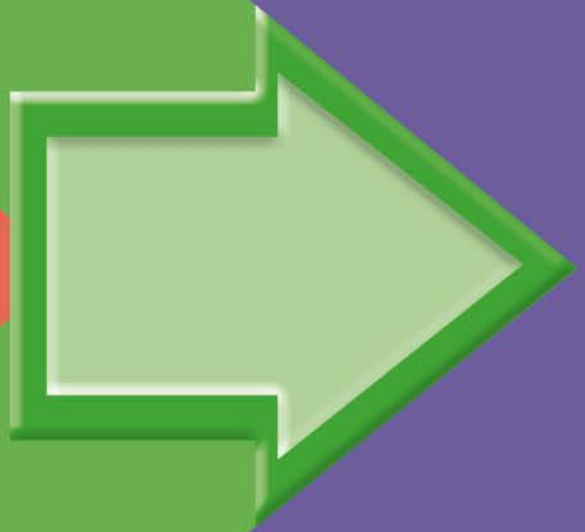
FRACTIONS GREATER THAN 1



White Rose Maths

GET READY

White Rose Maths

1) $24 \div 4 =$

2) How many tenths is in 1 whole?

3) How many tenths are in 2 wholes?

4) How many hundredths are in 5 wholes?

1) $24 \div 4 =$ 6

2) How many tenths is in 1 whole? 10

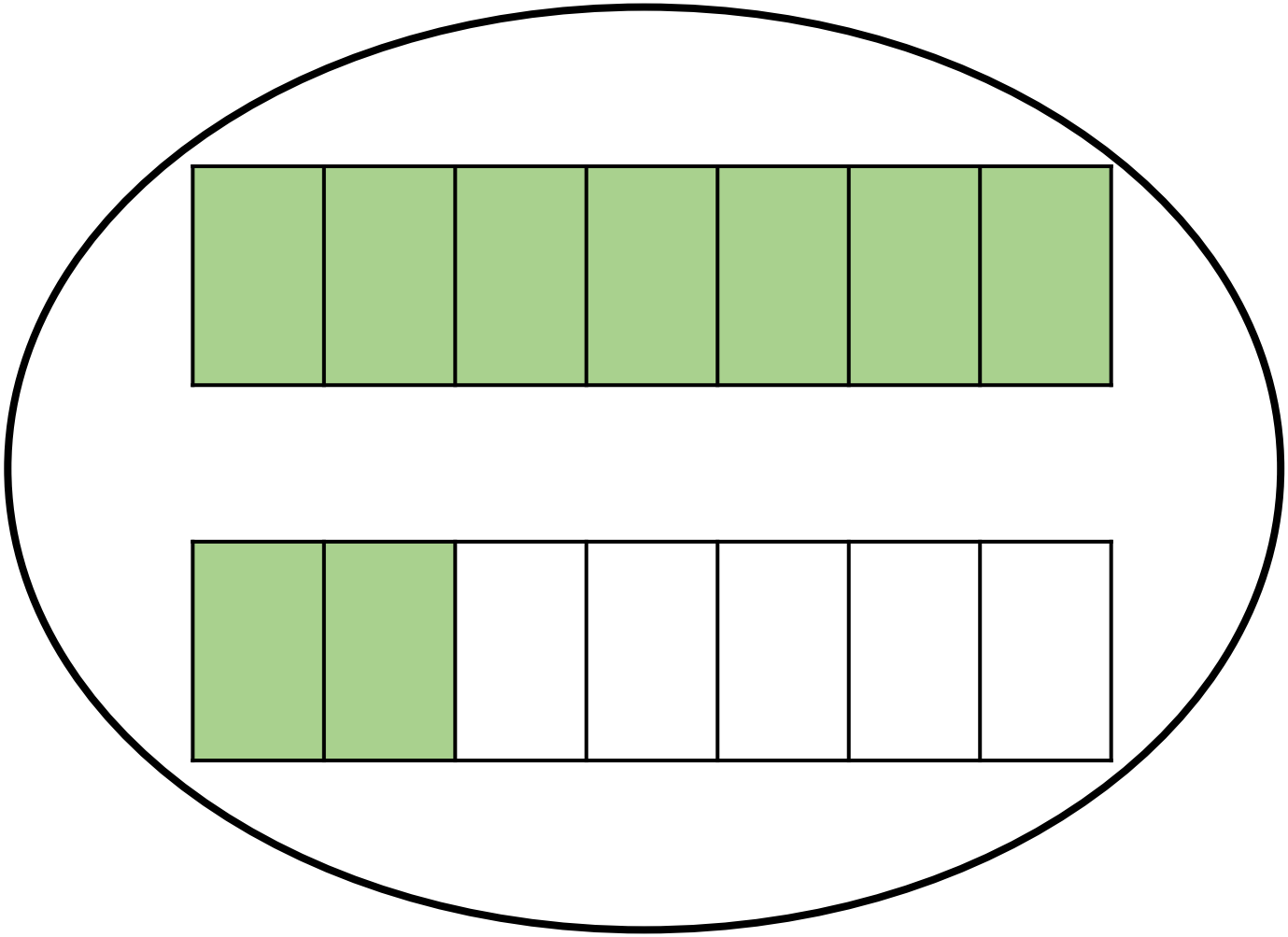
3) How many tenths are in 2 wholes? 20

4) How many hundredths are in 5 wholes?

500

LET'S LEARN

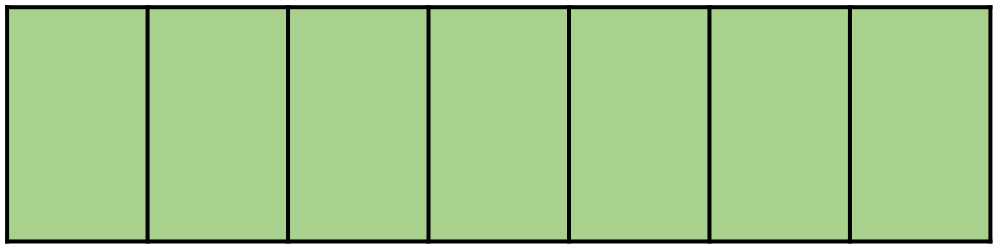
White Rose Maths



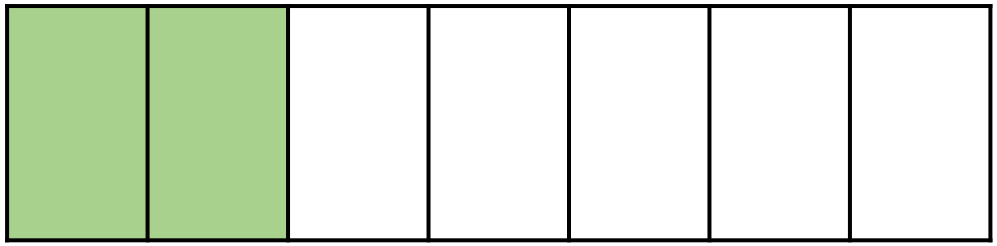
$\frac{7}{7}$

$\frac{2}{7}$

There are 9 sevenths altogether.



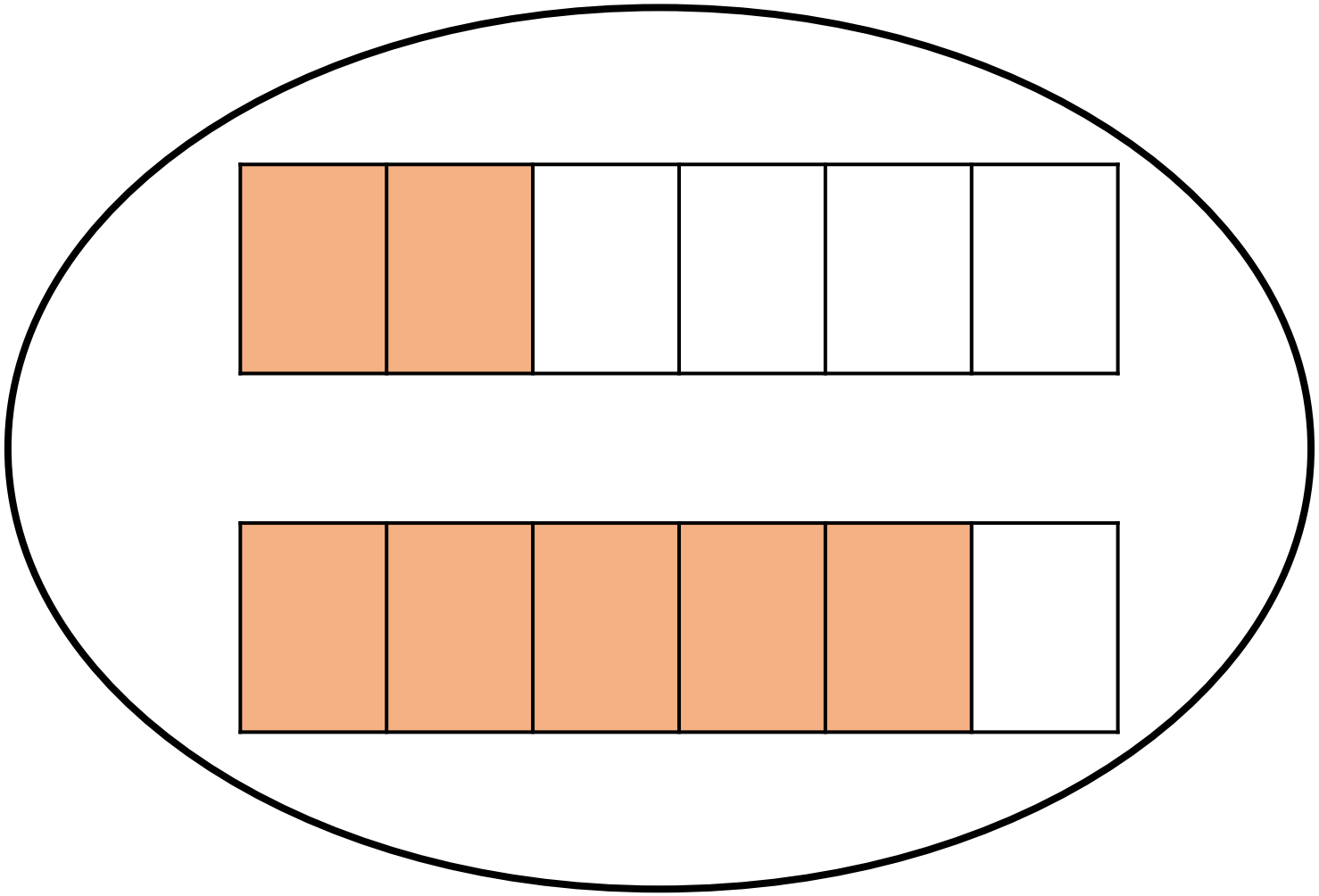
7 sevenths = 1 whole



2 sevenths

There are 9 sevenths altogether.

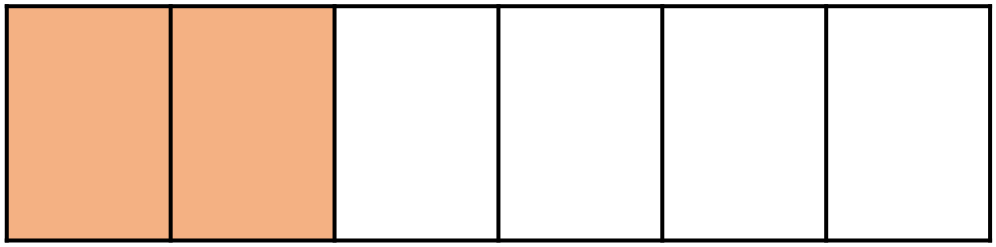
9 sevenths = 1 whole + 2 sevenths



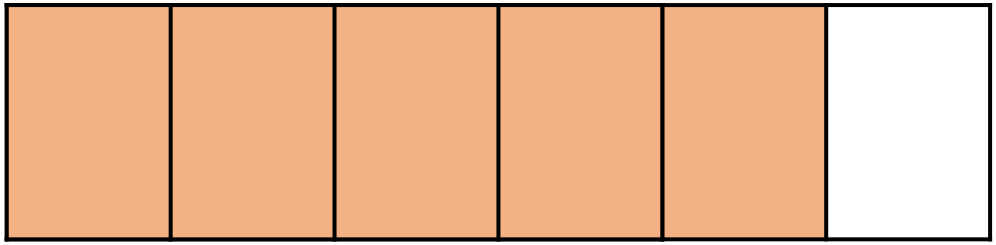
$\frac{2}{6}$

$\frac{5}{6}$

There are 7 sixths altogether.



1 whole



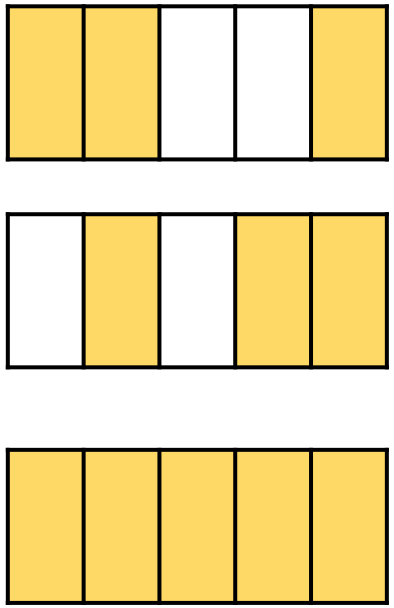
1 sixth

There are 7 sixths altogether.

7 sixths $=$ 1 whole $+$ 1 sixth

Have a think

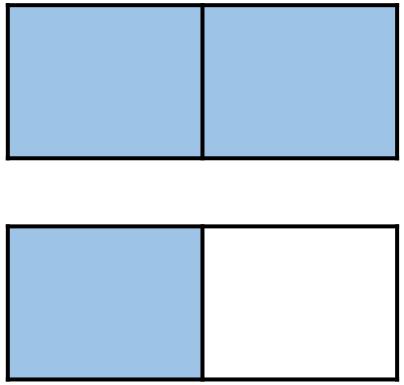
1)



There are 11 fifths altogether.

11 fifths = 2 wholes + 1 fifth.

2)



There are 3 halves altogether.

3 halves = 1 whole + 1 half.

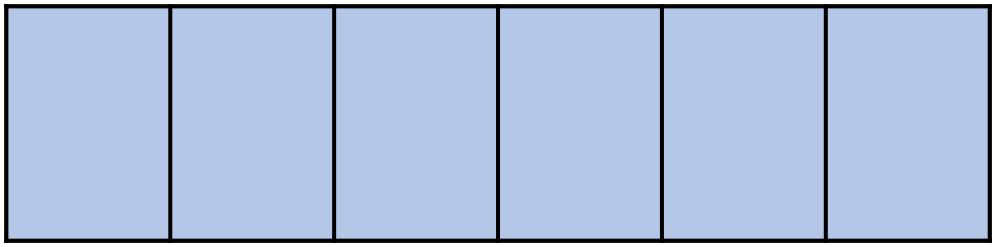
YOUR TURN

Have a go at questions
1 - 2 on the worksheet

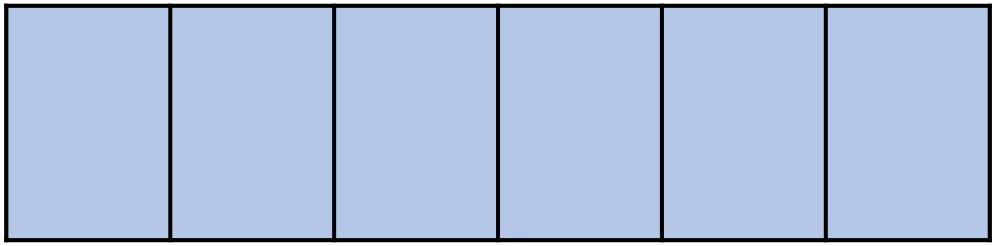
White Rose Maths

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

In improper fraction

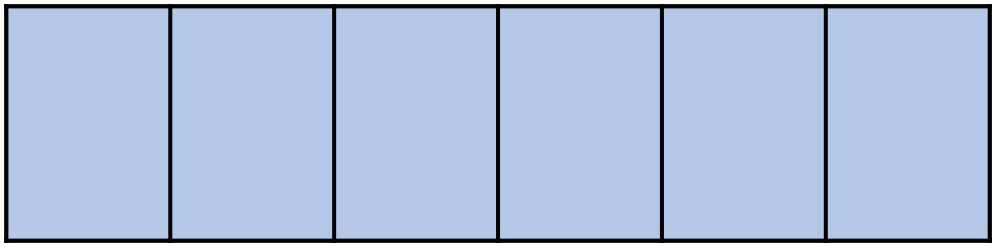


$\frac{6}{6}$

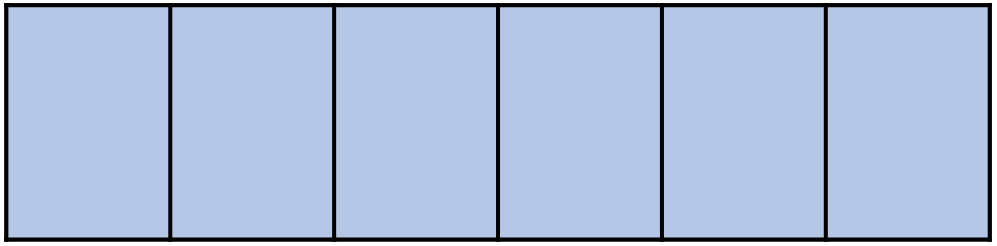


$\frac{6}{6}$

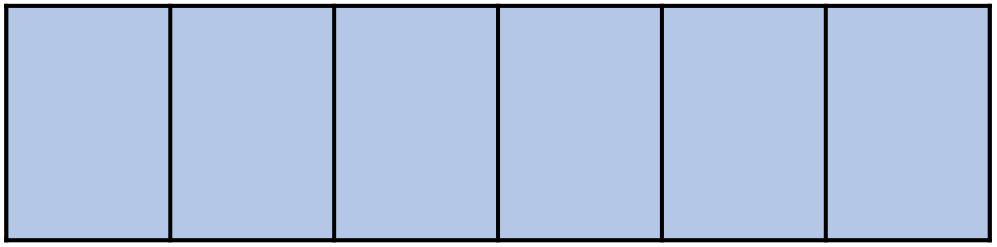
$\frac{18}{6}$ = 3 wholes



$\frac{6}{6}$



$\frac{6}{6}$

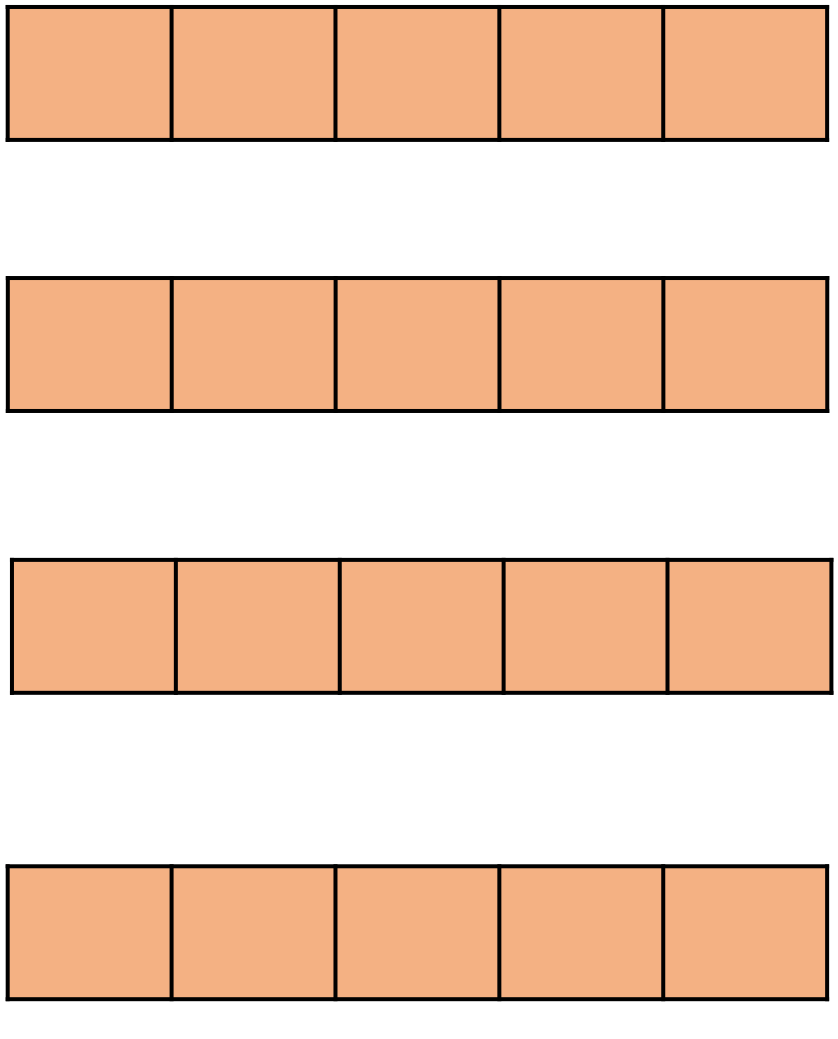


$\frac{6}{6}$

$$\div 3 \left(\frac{18}{6} \right) \times 3 = 3 \text{ wholes}$$

18 is 3 times greater than 6

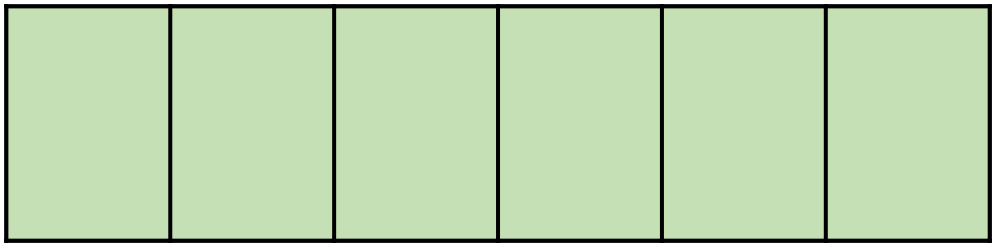
$\frac{20}{5}$ = 4 wholes



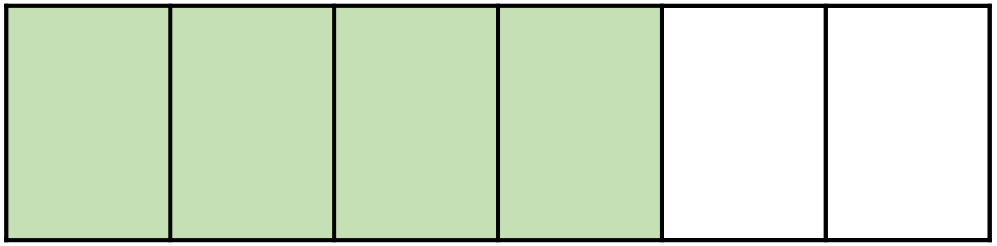
$$\div 4 \left(\frac{20}{5} \right) \times 4 = 4 \text{ wholes}$$

20 is 4 times greater than 5

$\frac{10}{6}$ = 1 whole + 4 sixths



$\frac{6}{6}$



$\frac{4}{6}$

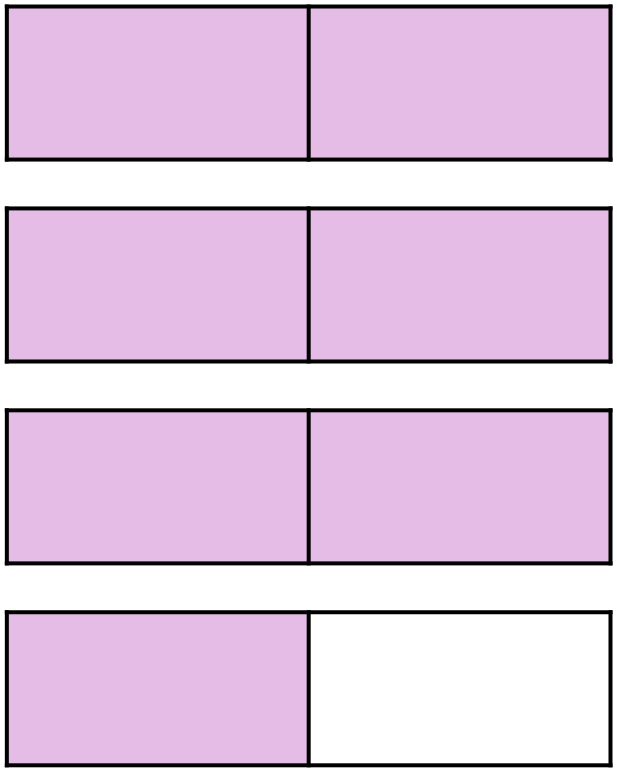
Have a think

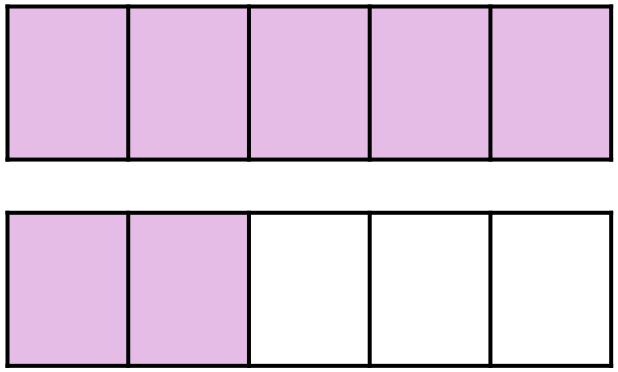
1) $\frac{11}{3}$ = 3 wholes + 2 thirds

2) $\frac{9}{2}$ = 4 wholes + 1 half

3) $\frac{20}{7}$ = 2 wholes + 6 sevenths

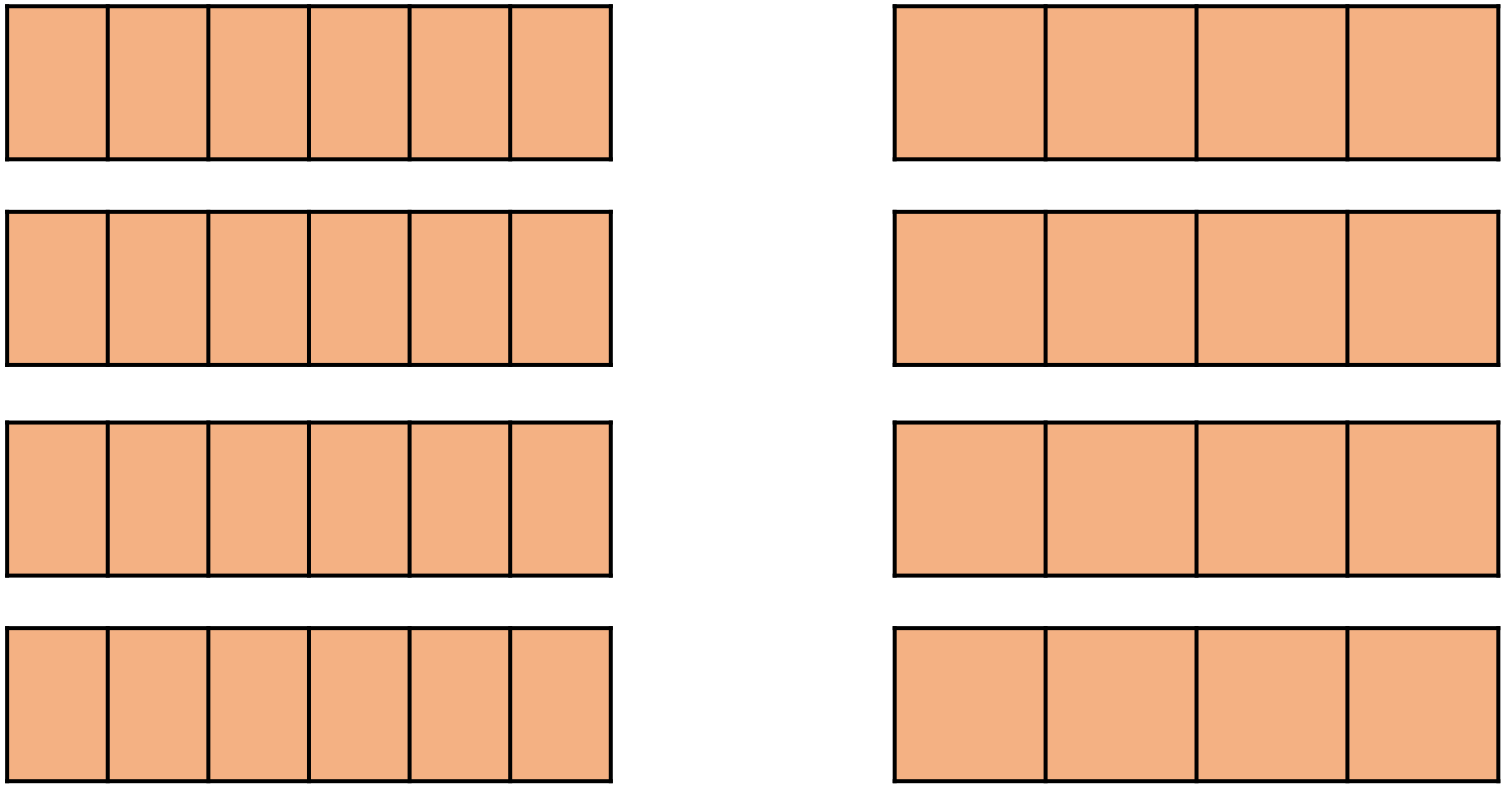
$\frac{7}{2}$ > $\frac{7}{5}$





When the numerators are the same, the greater the denominator the smaller the fraction.

$$\frac{24}{6} = \frac{16}{4}$$



Have a think

1) 2 wholes and 3 fifths $>$ 9 fifths

2) 28 sevenths $=$ 12 thirds

3) $\frac{9}{6} < \frac{17}{8}$

4) $\frac{20}{10} < \frac{20}{9}$

YOUR TURN

Have a go at questions 3 - 6 on the worksheet

White Rose Maths