

FRACTIONS GREATER THAN 1



GET READY



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) $24 \div 4 = 6$

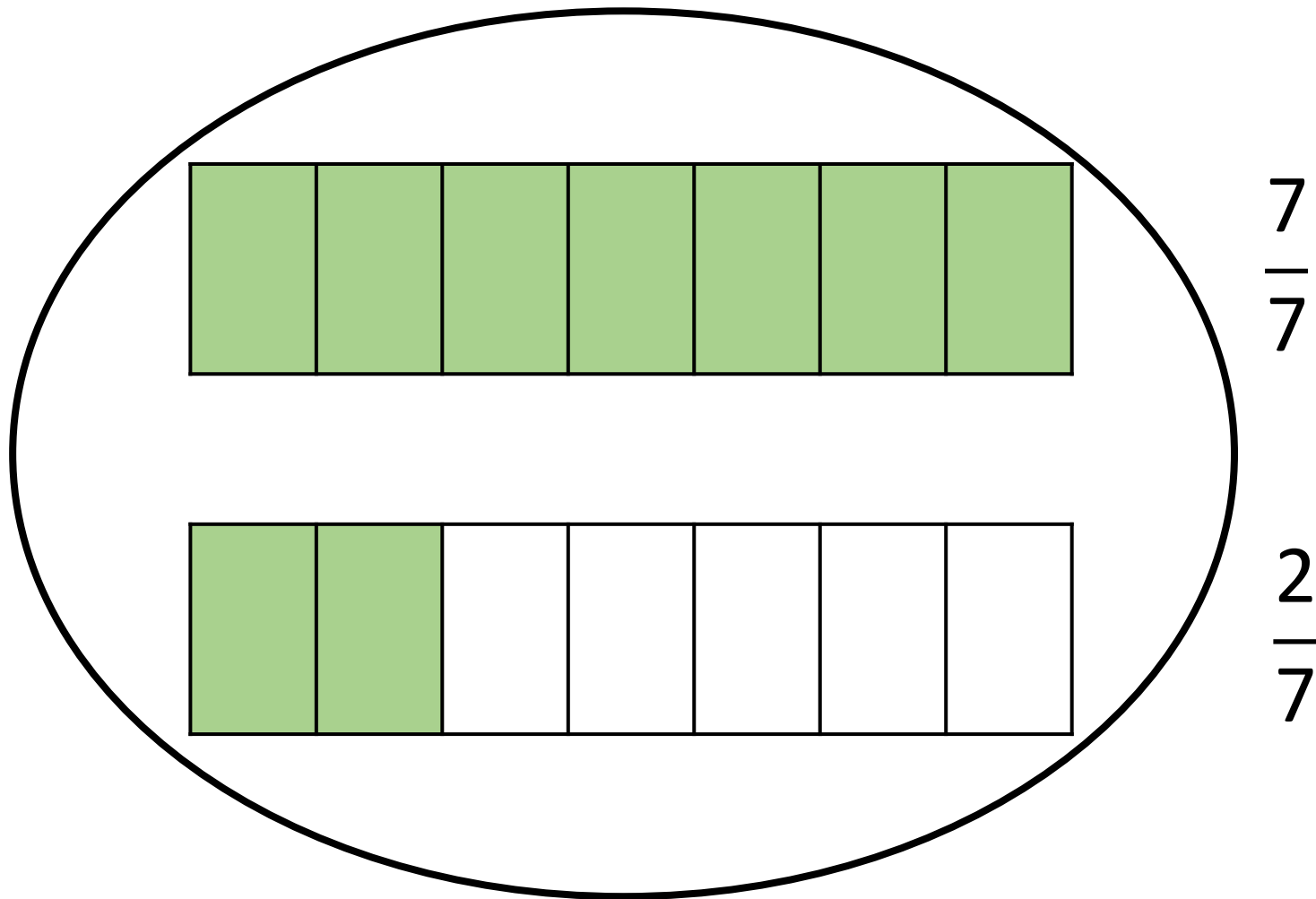
2) How many tenths is in 1 whole? 10

3) How many tenths are in 2 wholes? 20

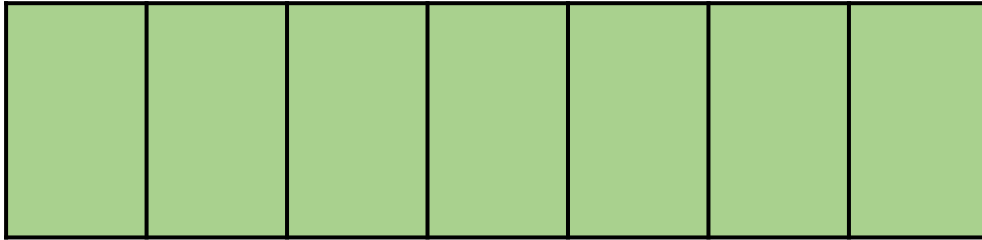
4) How many hundredths are in 5 wholes?
500

LET'S LEARN

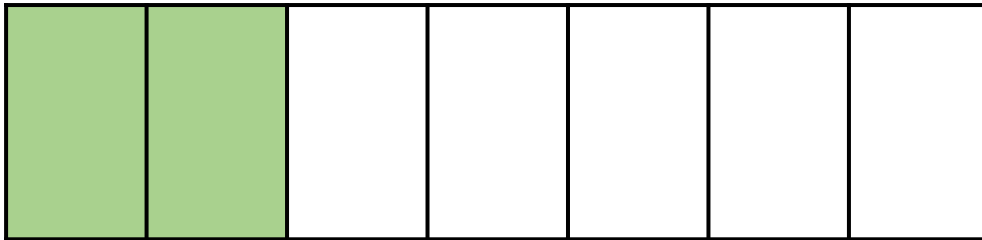




There are 9 sevenths altogether.



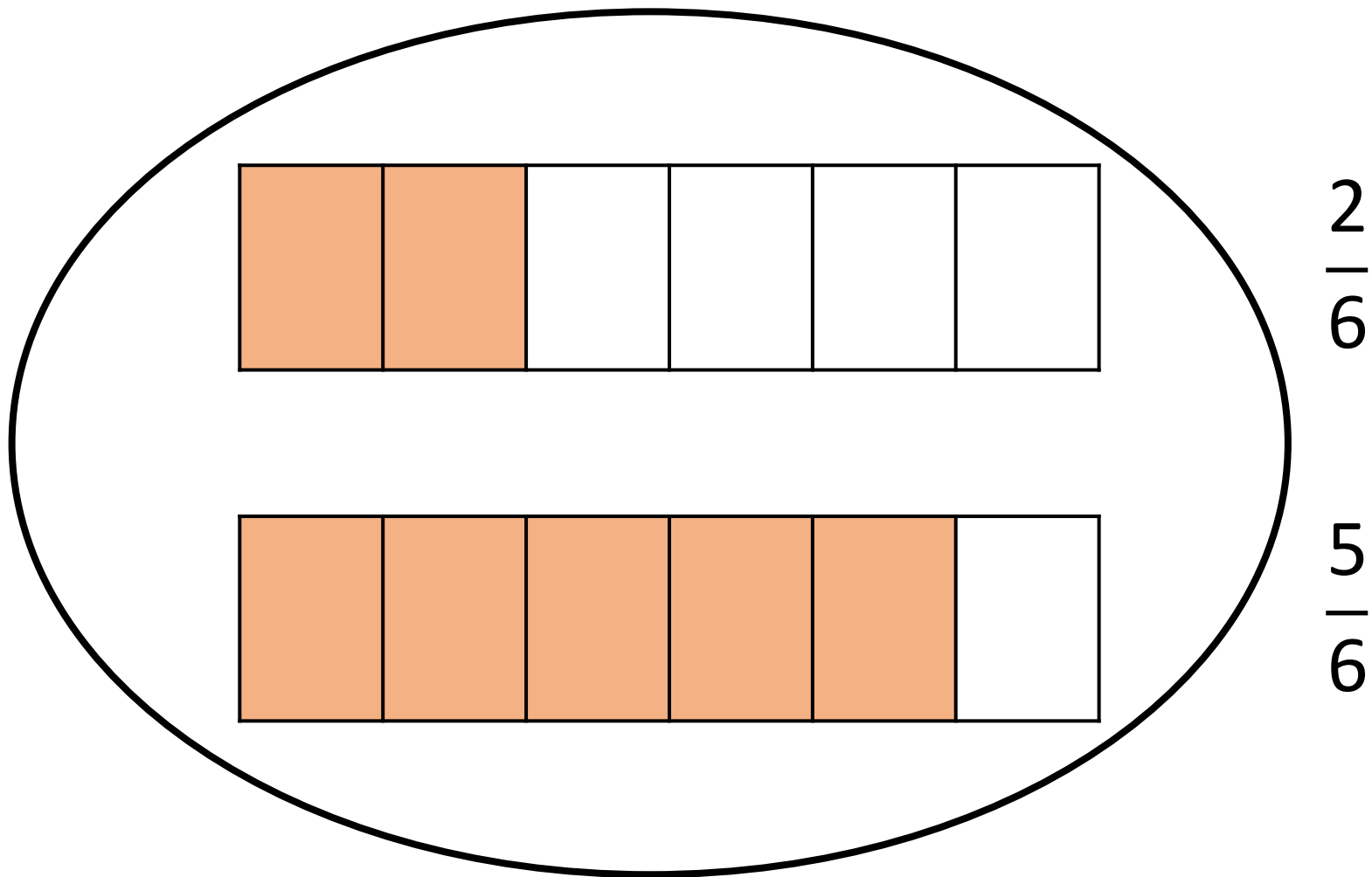
7 sevenths = 1 whole



2 sevenths

There are 9 sevenths altogether.

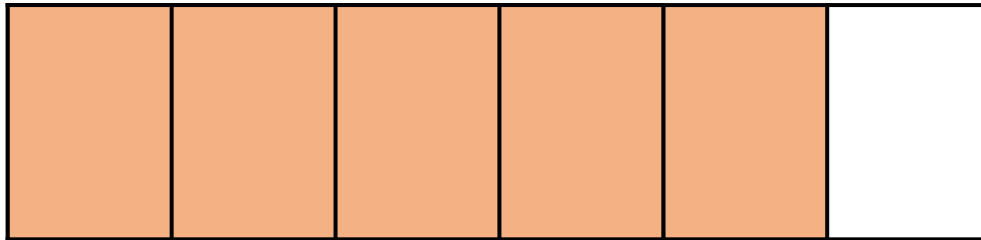
9 sevenths = 1 whole + 2 sevenths



There are 7 sixths altogether.



1 whole

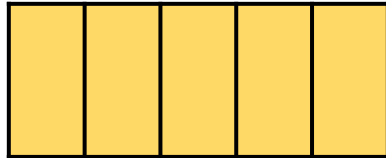
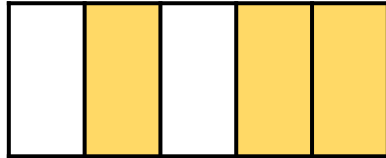
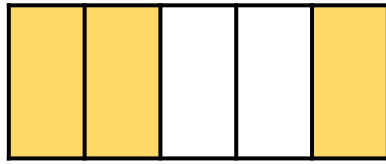


1 sixth

There are 7 sixths altogether.

$$7 \text{ sixths} = 1 \text{ whole} + 1 \text{ sixth}$$

1)



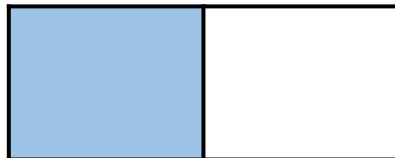
Have a think



There are 11 fifths altogether.

11 fifths = 2 wholes + 1 fifth.

2)



There are 3 halves altogether.

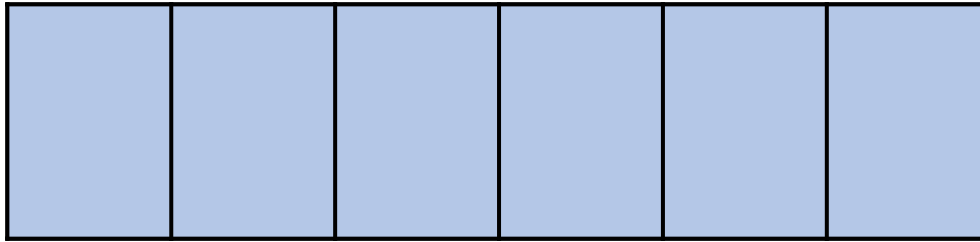
3 halves = 1 whole + 1 half.

YOUR TURN

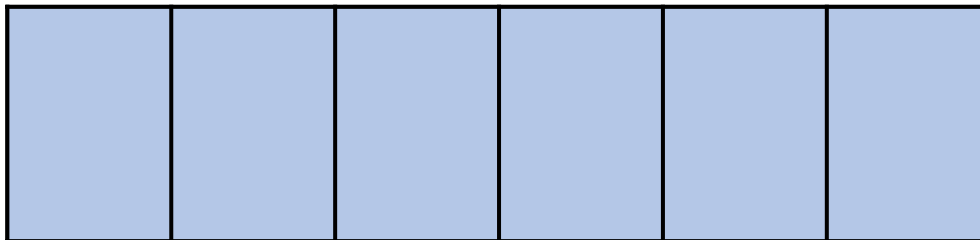
Have a go at questions
1 - 2 on the worksheet



$\frac{12}{6}$ is a proper fraction

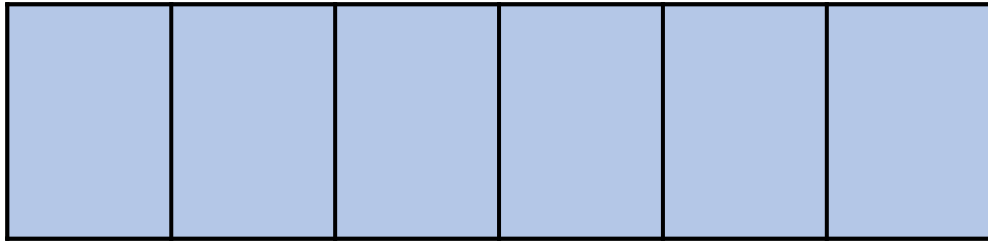


$\frac{6}{6}$

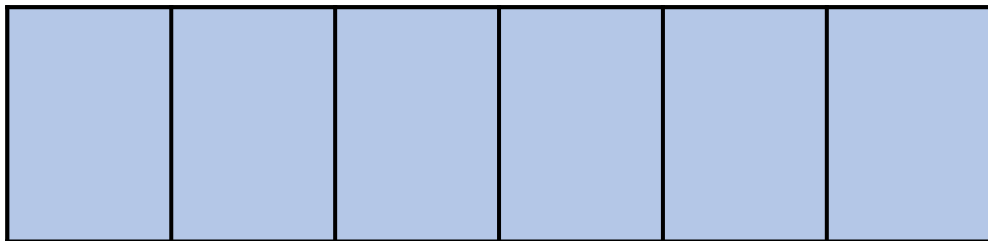


$\frac{6}{6}$

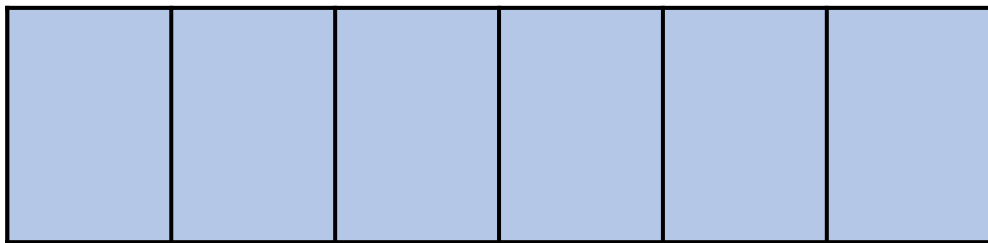
$$\frac{18}{6} = 3 \text{ wholes}$$



$$\begin{array}{r} 6 \\ 6 \end{array}$$



$$\begin{array}{r} 6 \\ 6 \end{array}$$

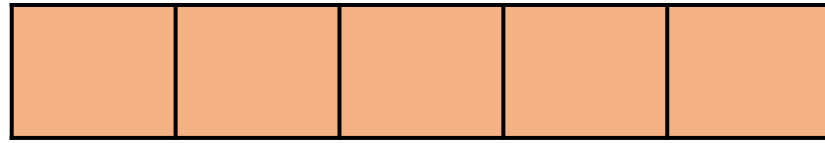


$$\begin{array}{r} 6 \\ 6 \end{array}$$

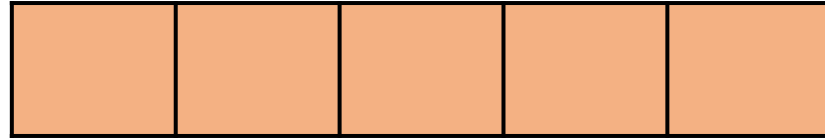
$$\div 3 \left(\frac{18}{6} \right) \times 3 = 3 \text{ wholes}$$

18 is 3 times greater than 6

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



5
5



5
5



5
5

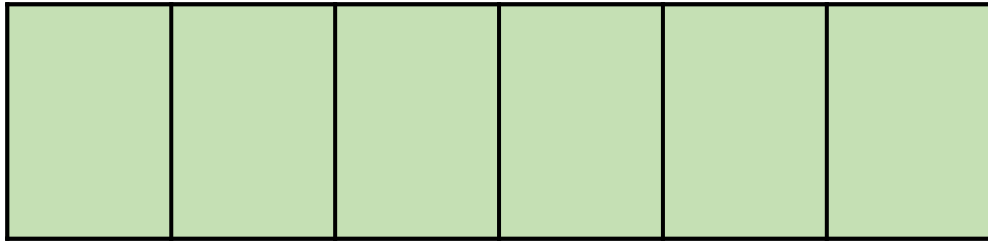


5
5

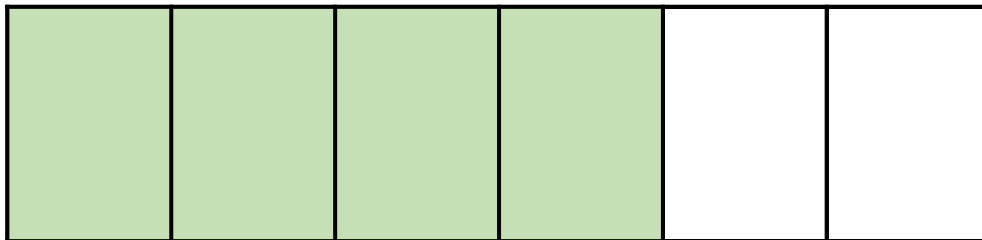
$$\div 4 \left(\frac{20}{5} \right) \times 4 = 4 \text{ wholes}$$

20 is 4 times greater than 5

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



$$\frac{6}{6}$$



$$\frac{4}{6}$$

Have a think

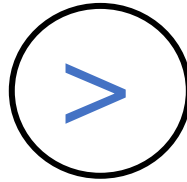


1) $\frac{11}{3} = \underline{3} \text{ wholes} + \underline{2} \text{ thirds}$

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

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

$$\frac{7}{2}$$

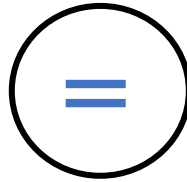


$$\frac{7}{5}$$

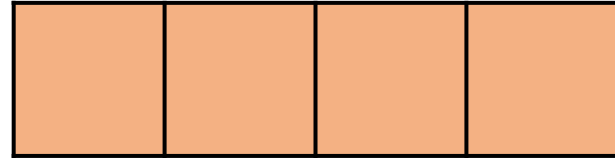
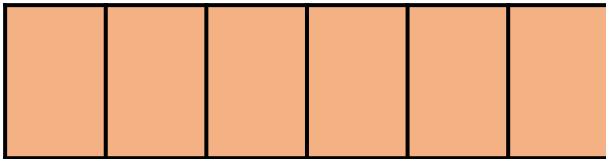
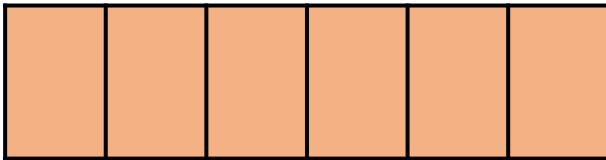
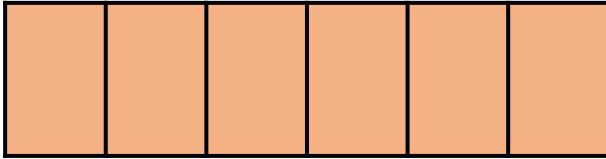
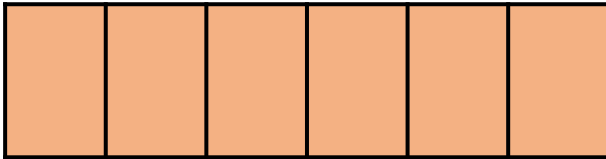


When the numerators are the same, the greater the denominator the smaller the fraction.

$$\frac{24}{6}$$



$$\frac{16}{4}$$



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

