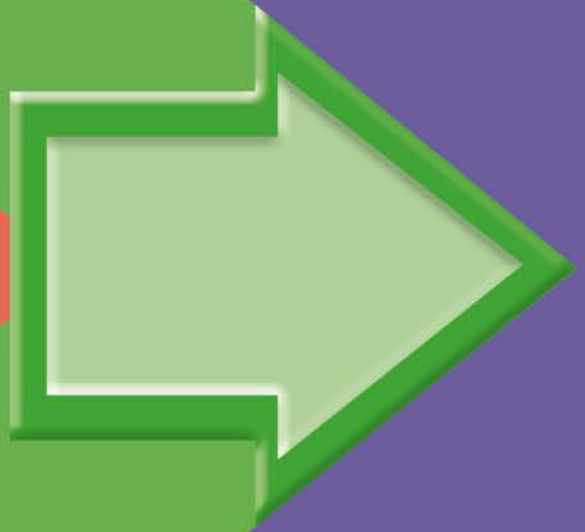
MIXED NUMBERS TO IMPROPER FRACTIONS



White Rose Maths

GET READY

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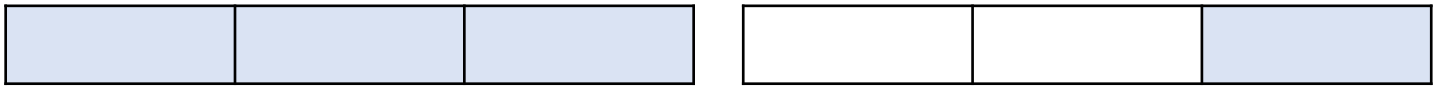
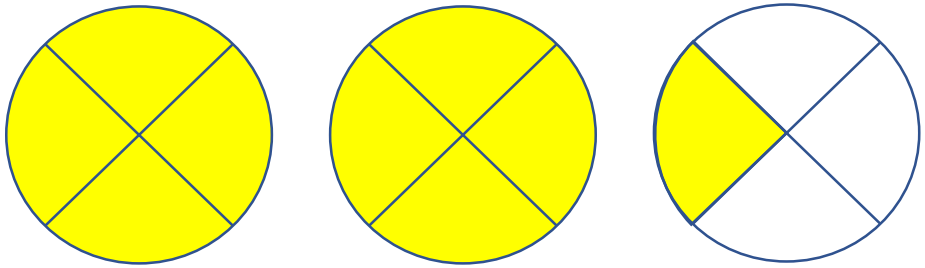
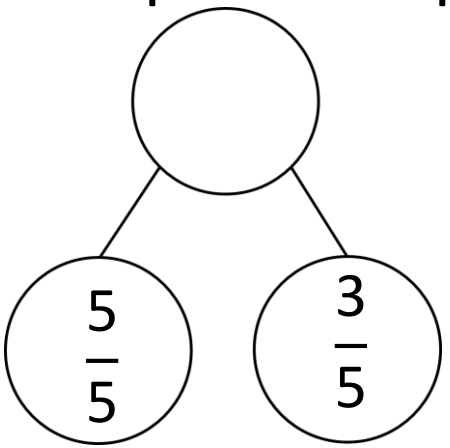
1) Write the fraction as an improper fraction.

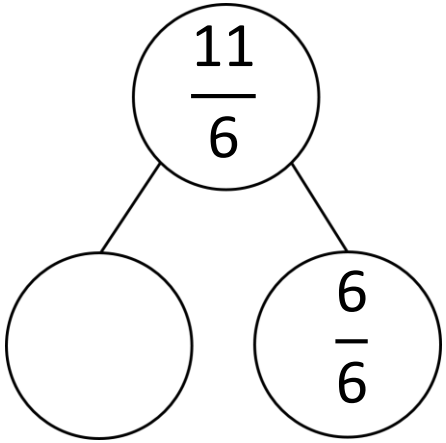


2) Write the fraction as an improper fraction.

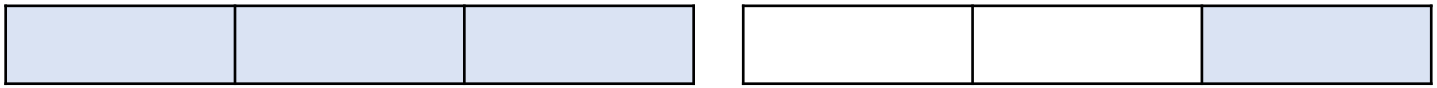


3) Complete the part-whole models

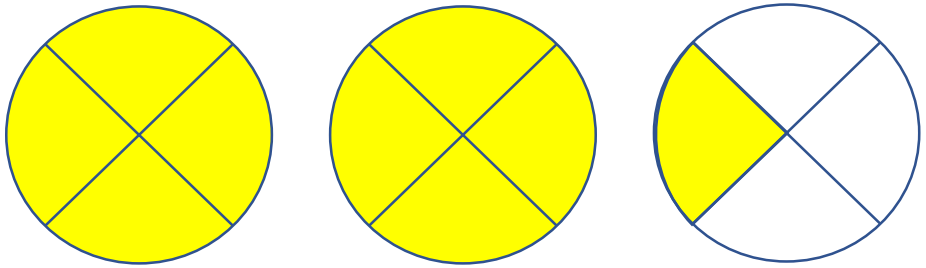




1) Write the fraction as an improper fraction. $\frac{4}{3}$

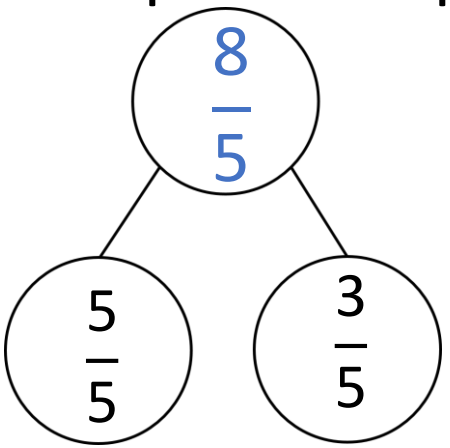


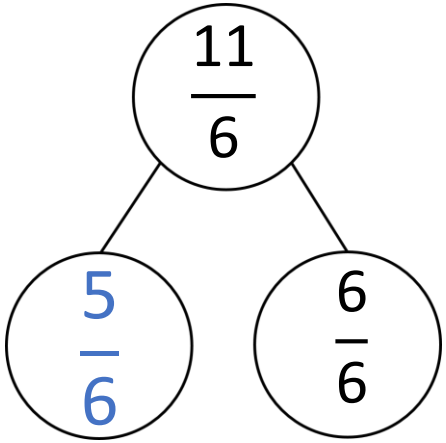
2) Write the fraction as an improper fraction.



$\frac{9}{4}$

3) Complete the part-whole models





LET'S LEARN

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$\frac{3}{2}$

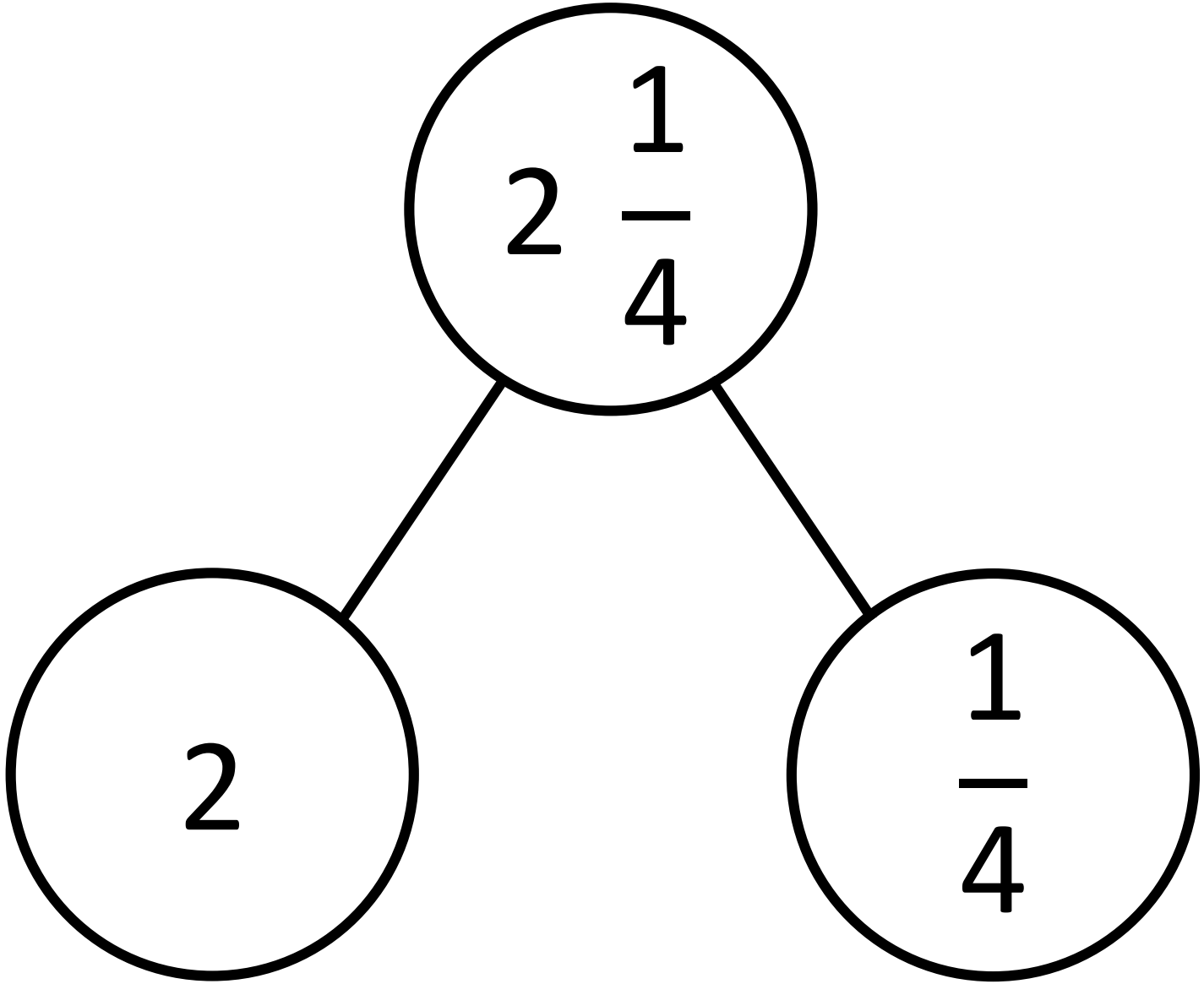
This is an **improper fraction.**

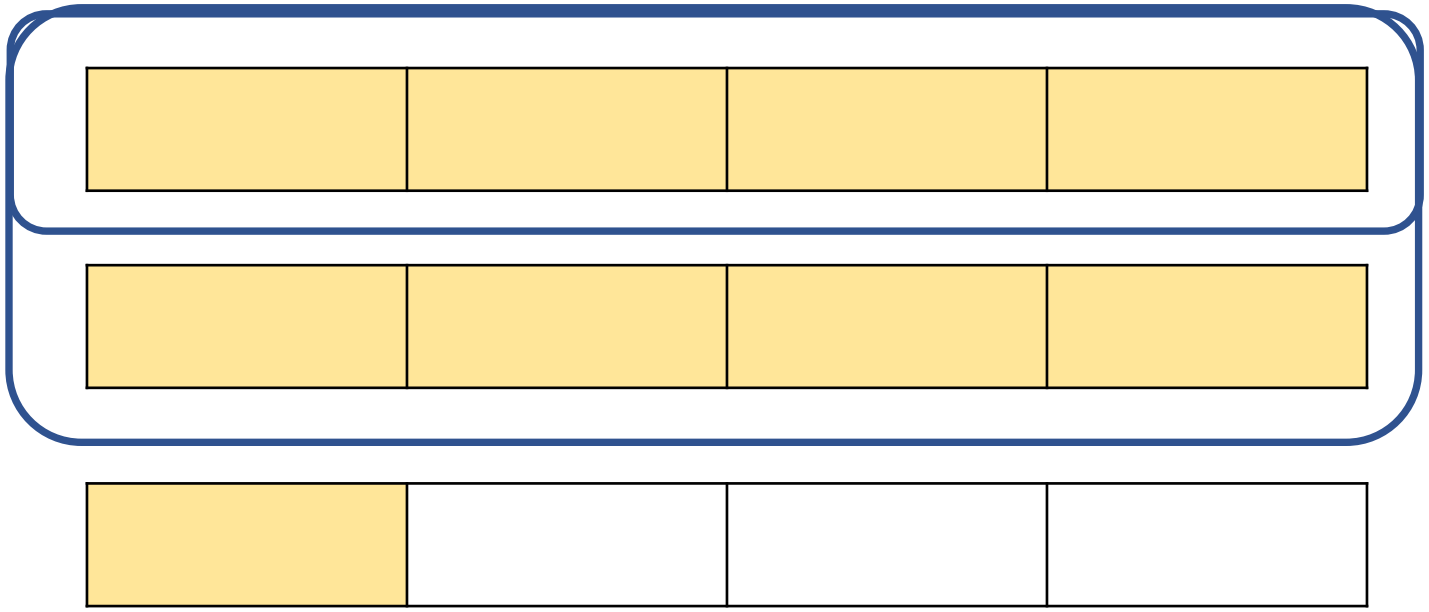
A improper fraction is where the **numerator** is greater than the **denominator.**

$1\frac{1}{2}$

This is a **mixed number.**

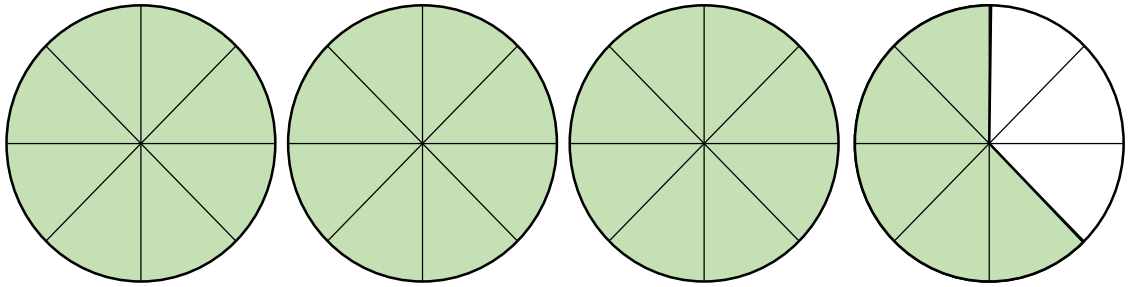
It is a number with a whole and a fraction.


$2\frac{1}{4}$
2
$\frac{1}{4}$



$$2\frac{1}{4} = \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = \frac{9}{4}$$

Convert the mixed number to an improper fraction



$$3\frac{5}{8} = \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{5}{8} = \frac{29}{8}$$

Have a think

YOUR TURN

Have a go at questions 1 and 2 on the worksheet

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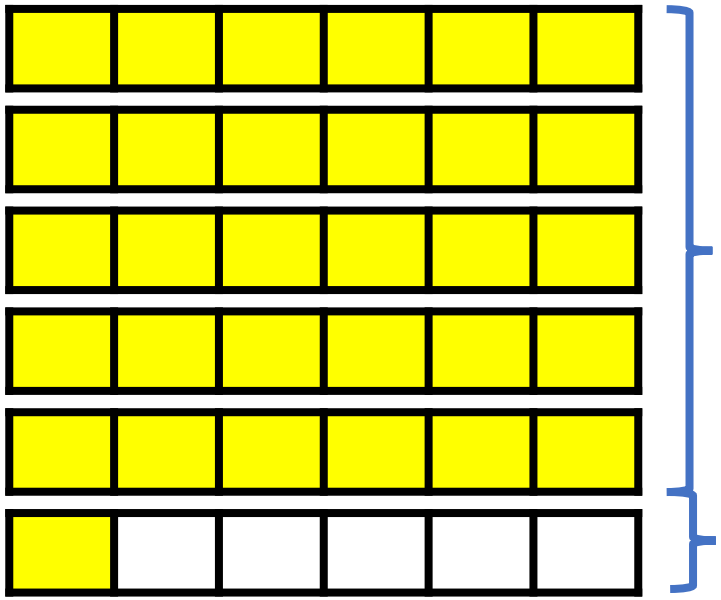
Convert the mixed numbers to improper fractions.

$$5\frac{1}{6} = \frac{31}{6}$$



$$5 \times \frac{6}{6} = \frac{30}{6}$$

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

Convert the mixed numbers to improper fractions.

$$5\frac{1}{6} = \frac{31}{6}$$

$$5 = (5 \times \frac{6}{6}) = \frac{30}{6} \qquad \frac{30}{6} + \frac{1}{6} = \frac{31}{6}$$

Have a think

Convert the mixed numbers to improper fractions

$$2\frac{4}{5} = \frac{14}{5}$$

$$2 \times \frac{5}{5} = \frac{10}{5}$$

$$\frac{10}{5} + \frac{4}{5}$$

$$10\frac{5}{6} = \frac{65}{6}$$

$$10 \times \frac{6}{6} = \frac{60}{6}$$

$$\frac{60}{6} + \frac{5}{6}$$

YOUR TURN

Have a go at the rest of the questions on the worksheet

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