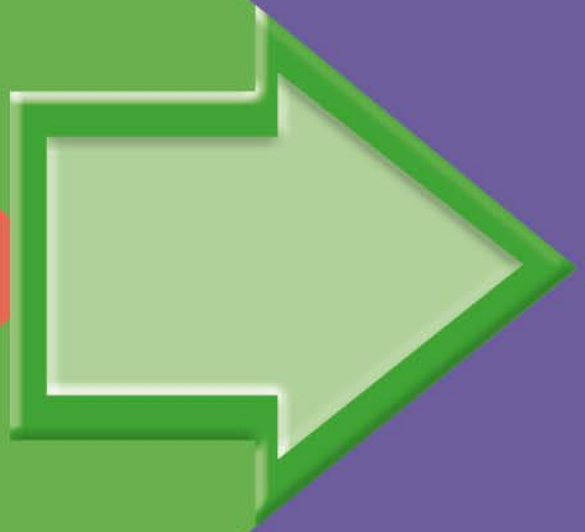
ADD FRACTIONS WITHIN 1 ACTIVITY

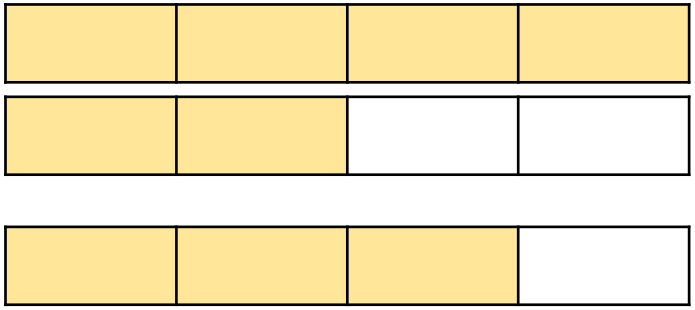


White Rose Maths

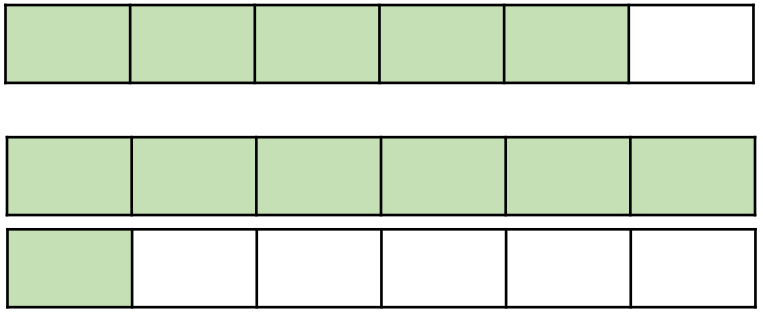
GET READY

White Rose Maths

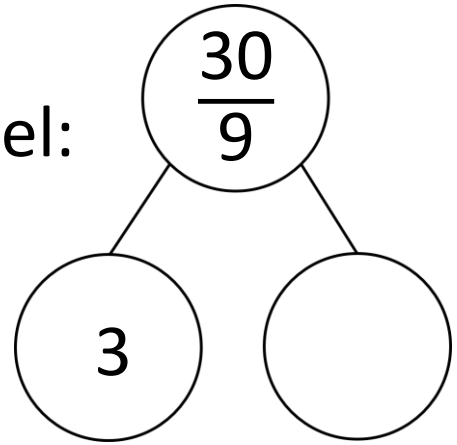
1) $\frac{6}{4} + \frac{3}{4} = \square = \square$



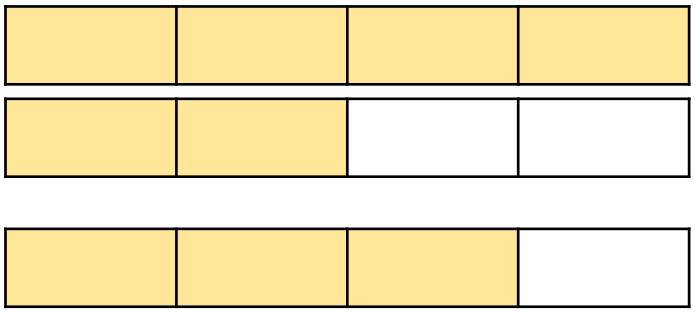
2) $\frac{5}{6} + \frac{7}{6} = \square + \frac{1}{13}$



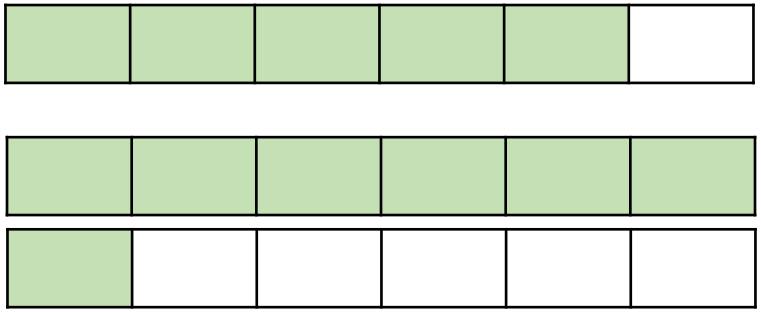
3) Complete the part-whole model:



1) $\frac{6}{4} + \frac{3}{4} = \boxed{\frac{9}{4}} = \boxed{2\frac{1}{4}}$

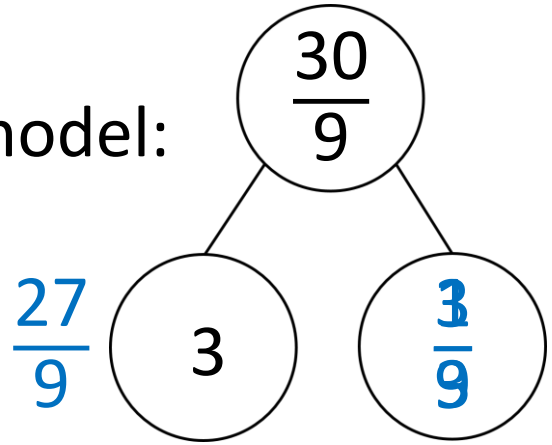


2) $\frac{5}{6} + \frac{7}{6} = \boxed{\frac{25}{13}} + \frac{1}{13}$



$\frac{12}{6} = 2$ $\frac{26}{13} = 2$

3) Complete the part-whole model:



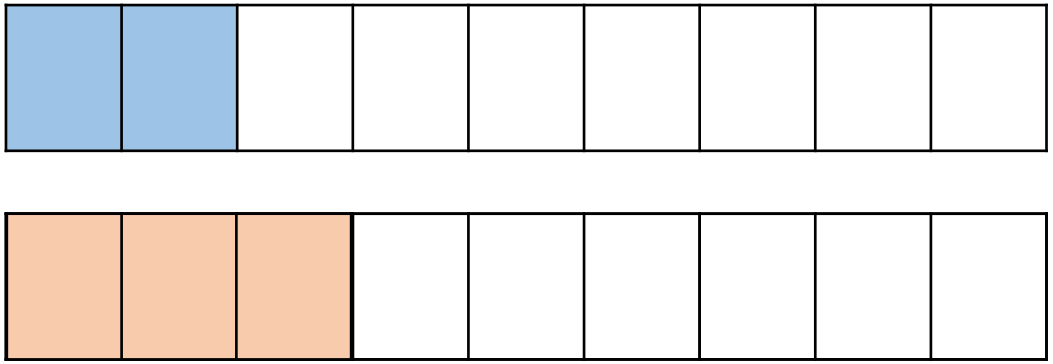
LET'S LEARN

White Rose Maths

$$\frac{2}{9} + \frac{1}{3}$$

$\times 3$

$$\frac{3}{9}$$

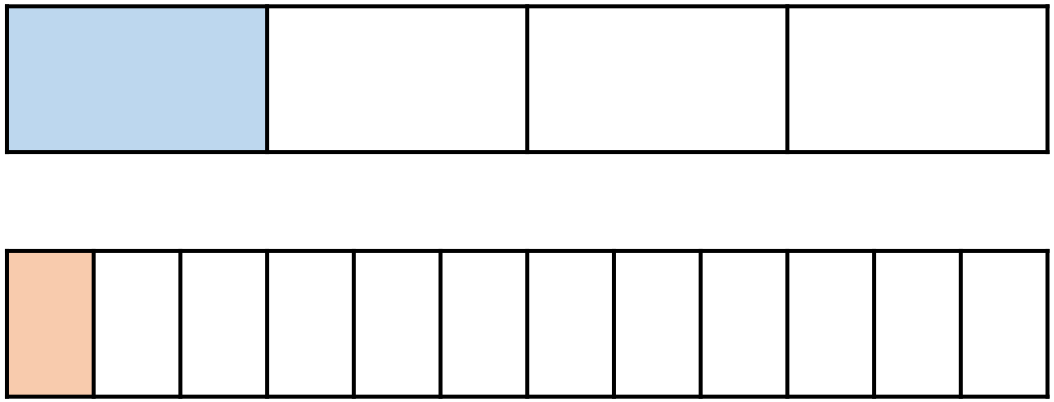


$$\frac{2}{9} + \frac{3}{9} = \frac{5}{9}$$

Use fraction strips to help you calculate

$$\frac{1}{4} + \frac{1}{12}$$

Have a think

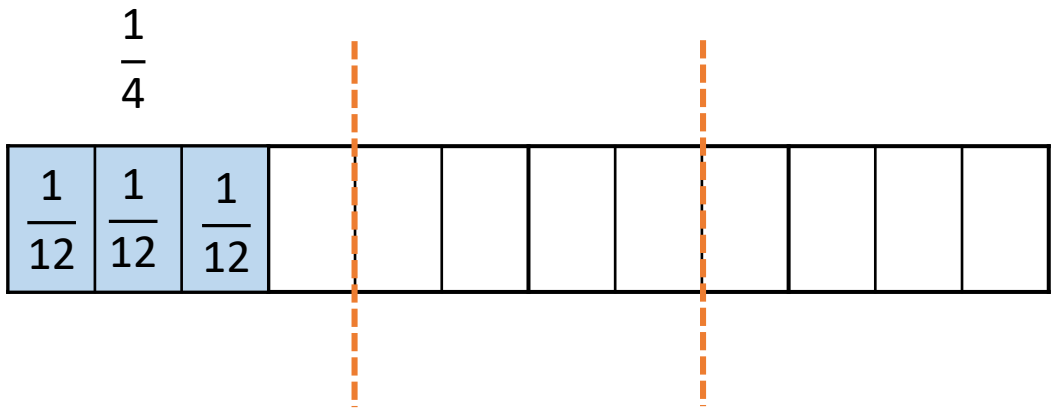


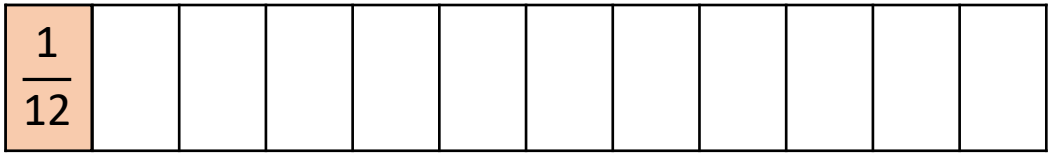
We need to find a common denominator.

We must find the lowest common multiple of 4 and 12

$$\frac{1}{4} + \frac{1}{12}$$

First divide each quarter into 3 equal parts.

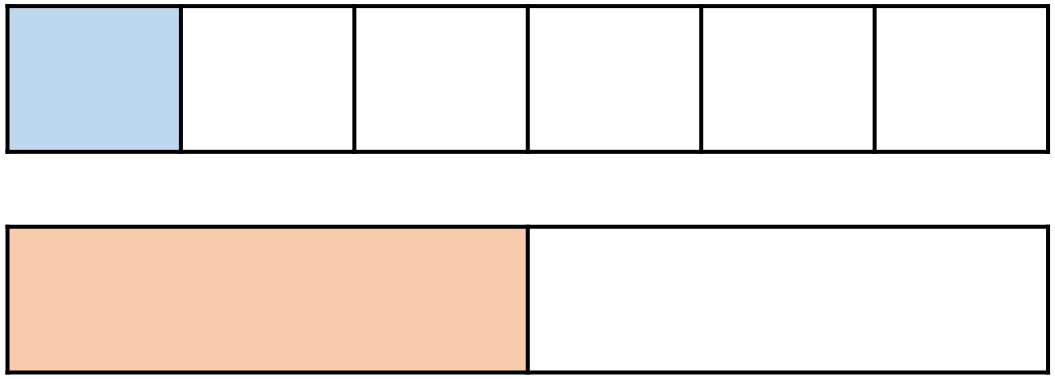




$$\frac{3}{12} + \frac{1}{12} = \frac{4}{12} = \frac{1}{3}$$

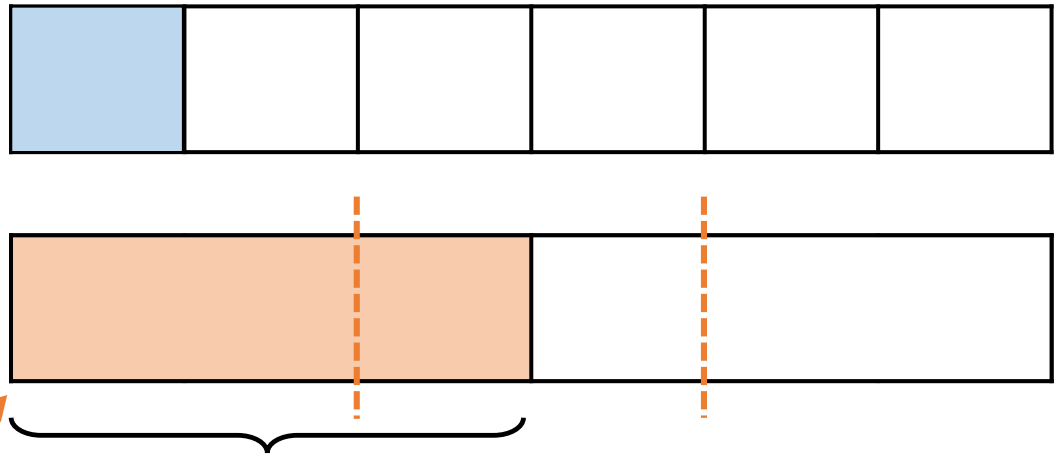
Have a think

Use the fraction strips to help you work out $\frac{1}{6} + \frac{1}{2}$



Think about which fraction strip needs dividing.

$$\frac{1}{6} + \frac{1}{2}$$



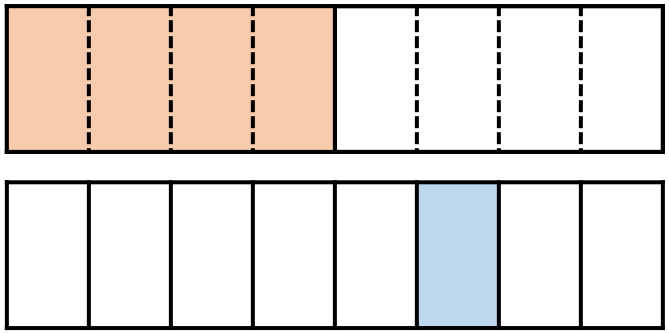
$$\frac{1}{2} = \frac{3}{6}$$

Divide each part into 3

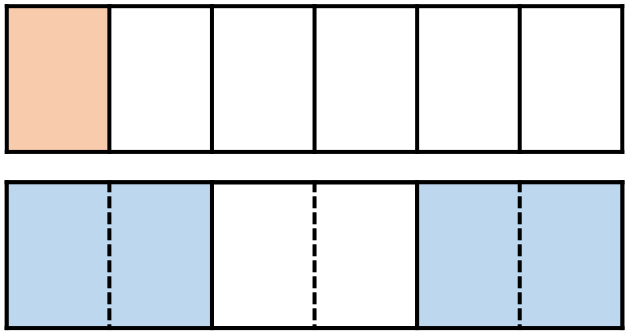
$$\frac{1}{6} + \frac{1}{2} = \frac{1}{6} + \frac{3}{6} = \frac{4}{6} = \frac{2}{3}$$

Use the fraction strips to help you add together these pairs of fractions.

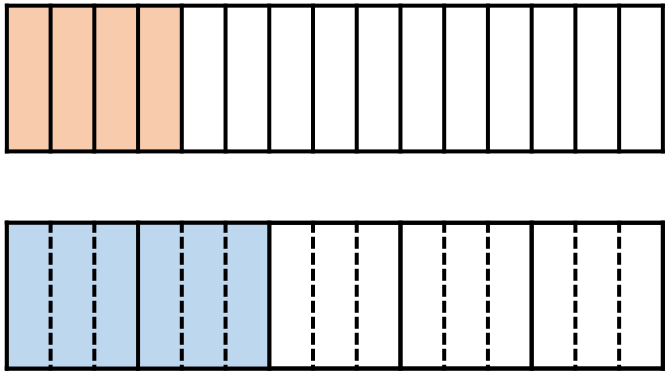
$\frac{1}{2} + \frac{1}{8} = \frac{5}{8}$



$\frac{1}{6} + \frac{2}{3} = \frac{5}{6}$



$\frac{4}{15} + \frac{2}{5} = \frac{10}{15} = \frac{2}{3}$



$\frac{5}{12} + \frac{1}{2} = \frac{11}{12}$