

ADD AND SUBTRACT FRACTIONS (1)



GET READY



1) 3 quarters + 3 quarters + 3 quarters =

2) $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} =$

3) $\frac{7}{9} - \frac{4}{9} =$



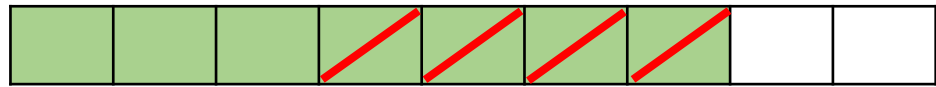
4) $\frac{8}{11} - \frac{5}{11} - \frac{1}{11} =$



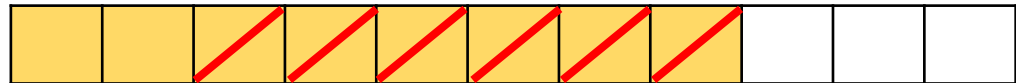
1) 3 quarters + 3 quarters + 3 quarters = 9 quarters

2) $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} = \frac{20}{6}$

3) $\frac{7}{9} - \frac{4}{9} = \frac{3}{9}$



4) $\frac{8}{11} - \frac{5}{11} - \frac{1}{11} = \frac{2}{11}$

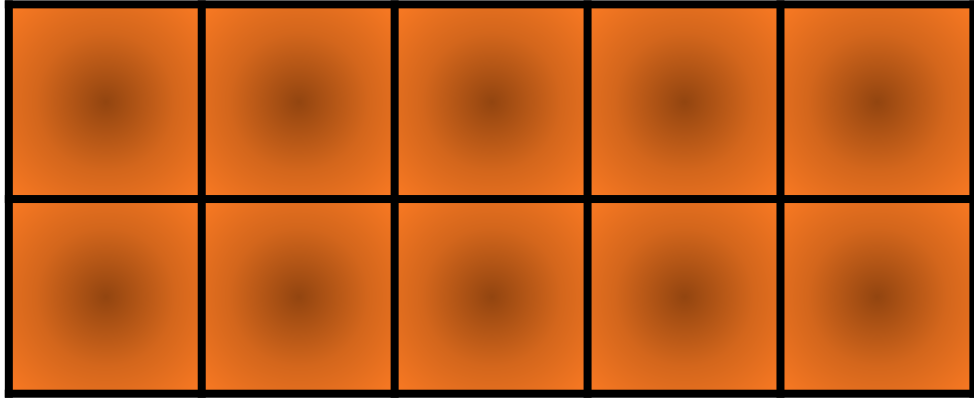


LET'S LEARN





They've eaten $\frac{4}{15}$ of the bar



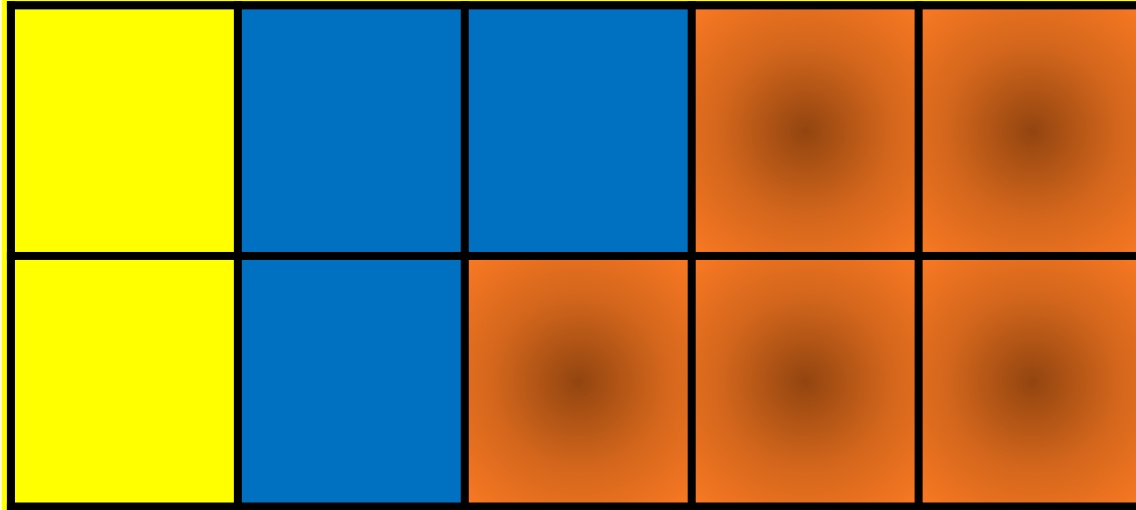
Charlie eats $\frac{1}{5}$ of the chocolate bar.

Suzie eats $\frac{3}{10}$ of the chocolate bar.

How much have they eaten altogether?

Have a think





Charlie eats $\frac{1}{5}$ of the chocolate bar.

Suzie eats $\frac{3}{10}$ of the chocolate bar.

$\frac{5}{10}$ of the bar is eaten.



Have a think

Here is a strip of paper.

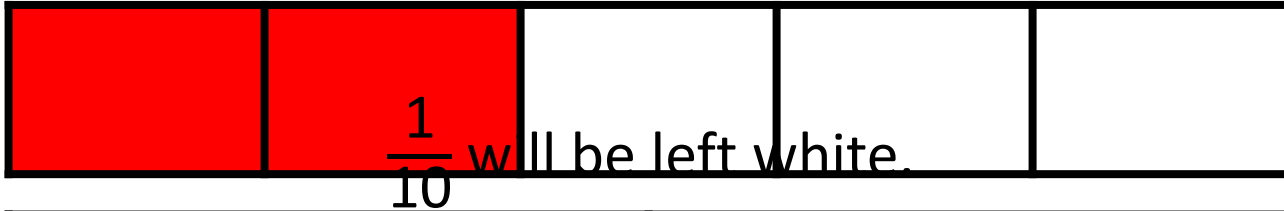
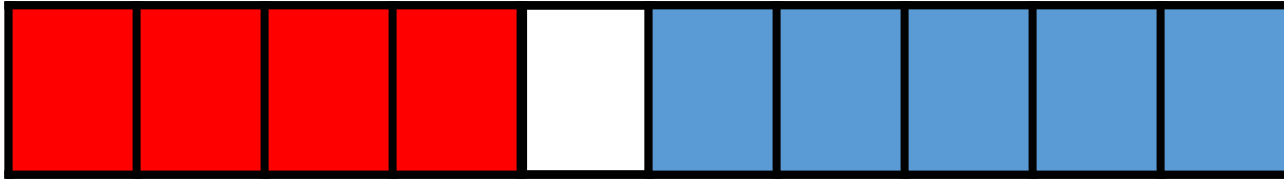


$\frac{2}{5}$ of it will be shaded red.

$\frac{1}{2}$ of it will be shaded blue.

The rest will be left white.

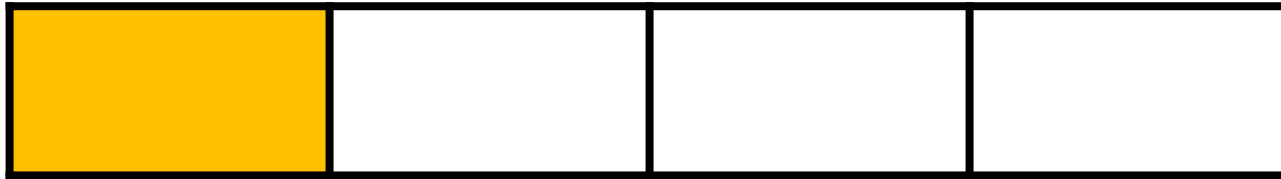
What fraction will be left white?



$\frac{2}{5}$ of it will be shaded red.
 $\frac{1}{2}$ of it will be shaded blue.
 The rest will be left white.
 What fraction will be left white?

Use the bar models to solve:

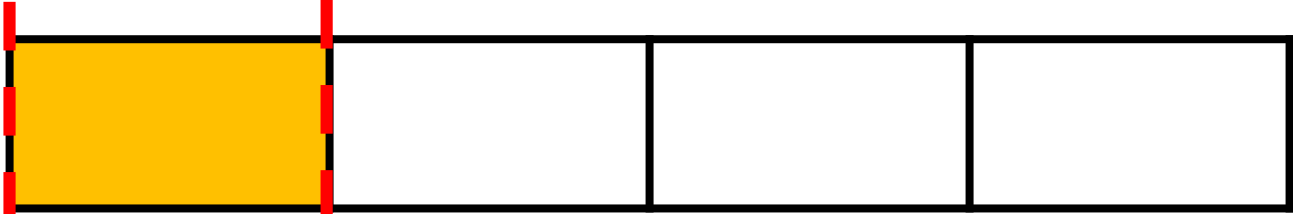
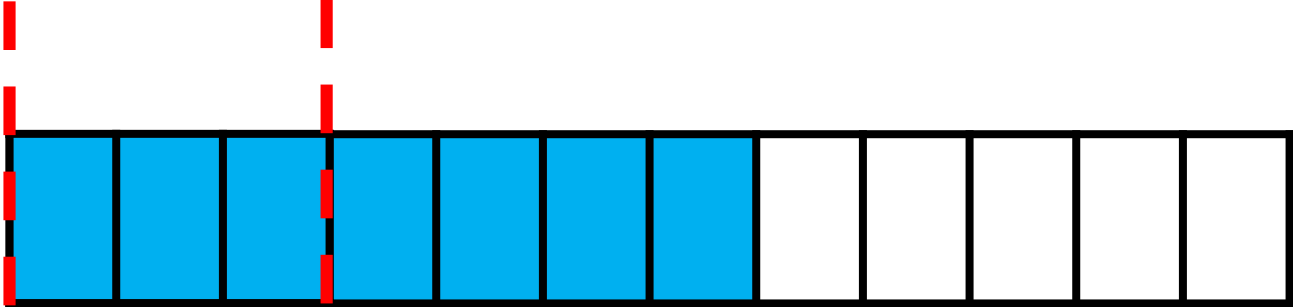
Have a think



$$\frac{7}{12} - \frac{1}{4} =$$

$$\frac{7}{12} + \frac{1}{4} =$$

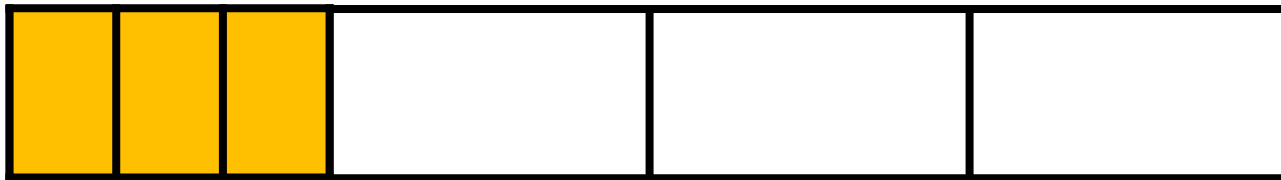
Use the bar models to solve:



$$\frac{7}{12} - \frac{1}{4} = \frac{4}{12} = \frac{1}{3}$$

$$\frac{7}{12} + \frac{1}{4} =$$

Use the bar models to solve:



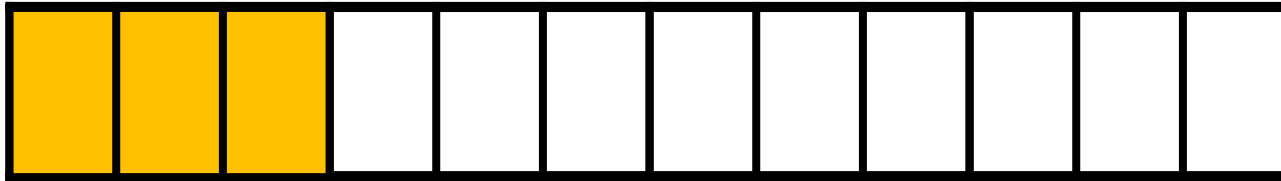
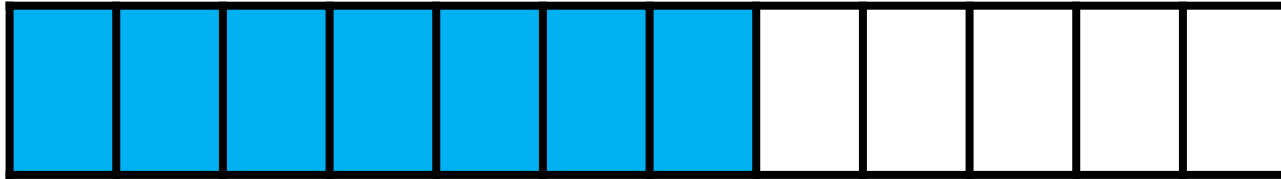
$$\frac{7}{12} - \frac{1}{4} =$$

$$\frac{7}{12} + \frac{1}{4} = \frac{10}{12} = \frac{5}{6}$$

YOUR TURN

Have a go at questions
1 – 5 on the worksheet





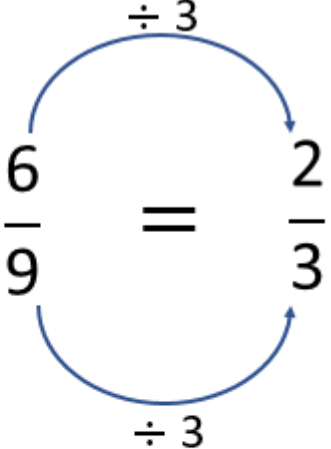
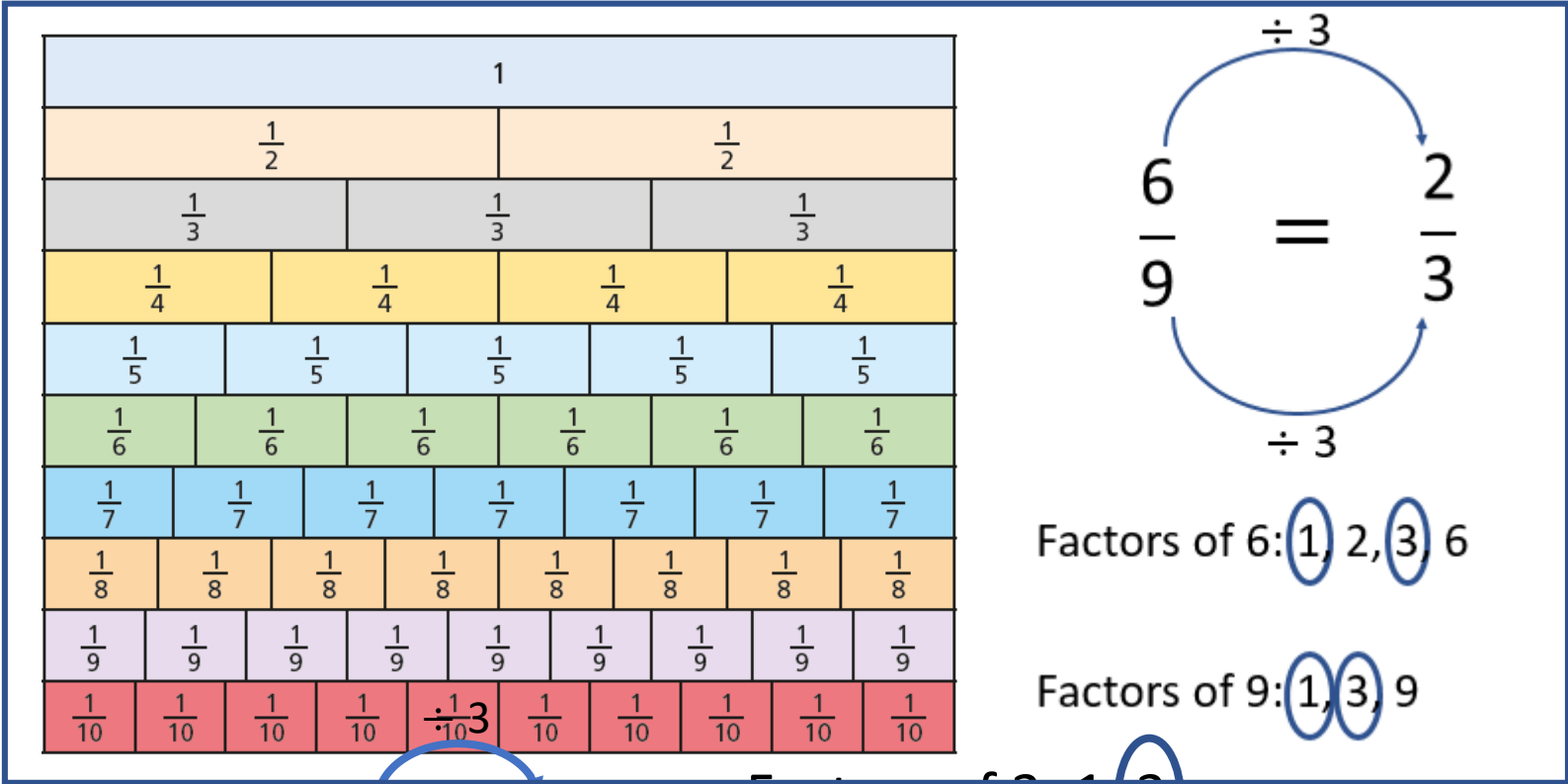
$$\frac{7}{12} + \frac{1}{4}$$

$\frac{3}{12}$

$\times 3$

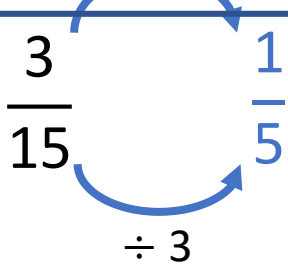
$$\frac{7}{12} + \frac{3}{12} = \frac{10}{12} = \frac{5}{6}$$

Have a think



Factors of 6: 1, 2, 3, 6

Factors of 9: 1, 3, 9



Factors of 3: 1, 3

Factors of 15: 1, 3, 5, 15

$$\frac{3}{8} + \frac{\boxed{}}{\boxed{}} = \frac{13}{24}$$

$\times 3$

$$\frac{9}{24}$$

$$\frac{9}{24} + \frac{\boxed{}}{\boxed{}} = \frac{13}{24}$$

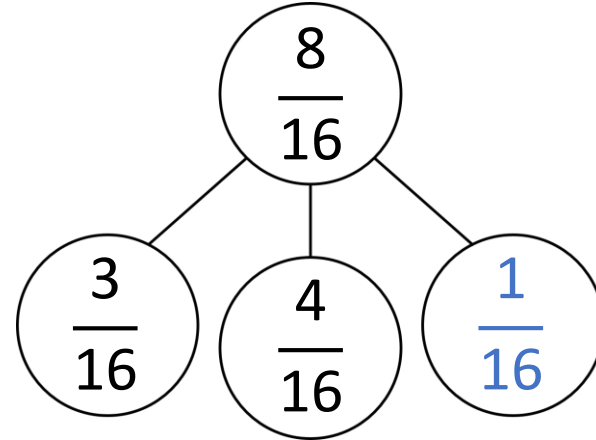
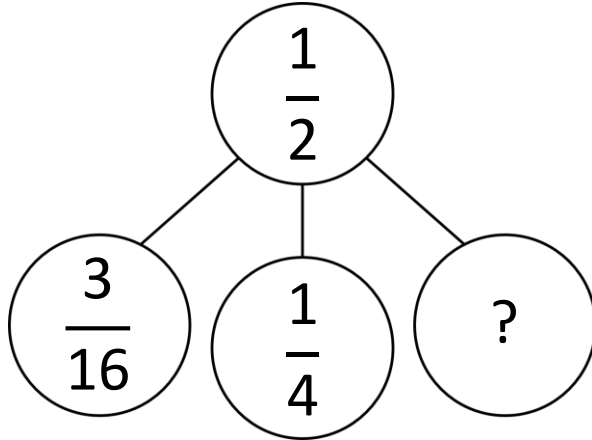
$$\frac{4}{24} \xrightarrow{\div 4} \frac{1}{6}$$



Dexter has $\frac{1}{2}$ a tin of paint.

He then uses $\frac{3}{16}$ of the tin to paint the bathroom
and $\frac{1}{4}$ of the tin to paint the kitchen.

How much paint does Dexter have left? $\frac{1}{16}$



YOUR TURN

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

