ADD AND SUBTRACT FRACTIONS

White Rose Maths

GET READY

White Rose Maths

1) 5 apples + 2 apples =

2) 5 thirds + 2 thirds =

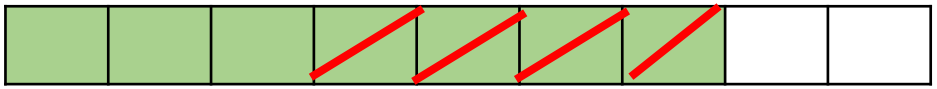
3) $\frac{7}{9} - \frac{4}{9} =$

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

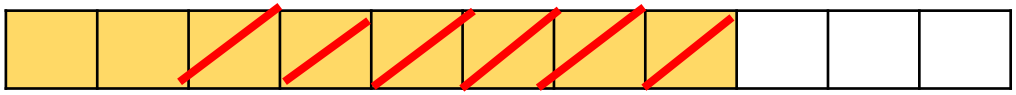
1) 5 apples + 2 apples = 7 apples

2) 5 thirds + 2 thirds = 7 thirds

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



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



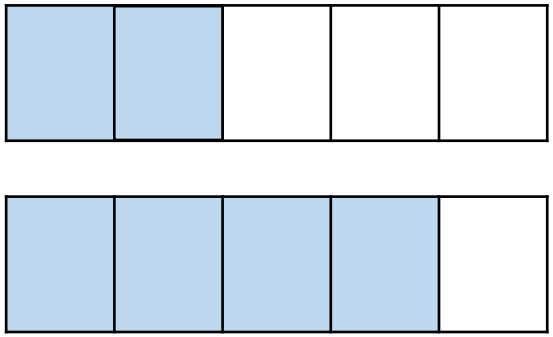
LET'S LEARN

White Rose Maths

Dexter eats $\frac{2}{5}$ of his chocolate bar.

Alex eats $\frac{4}{5}$ of her chocolate bar.

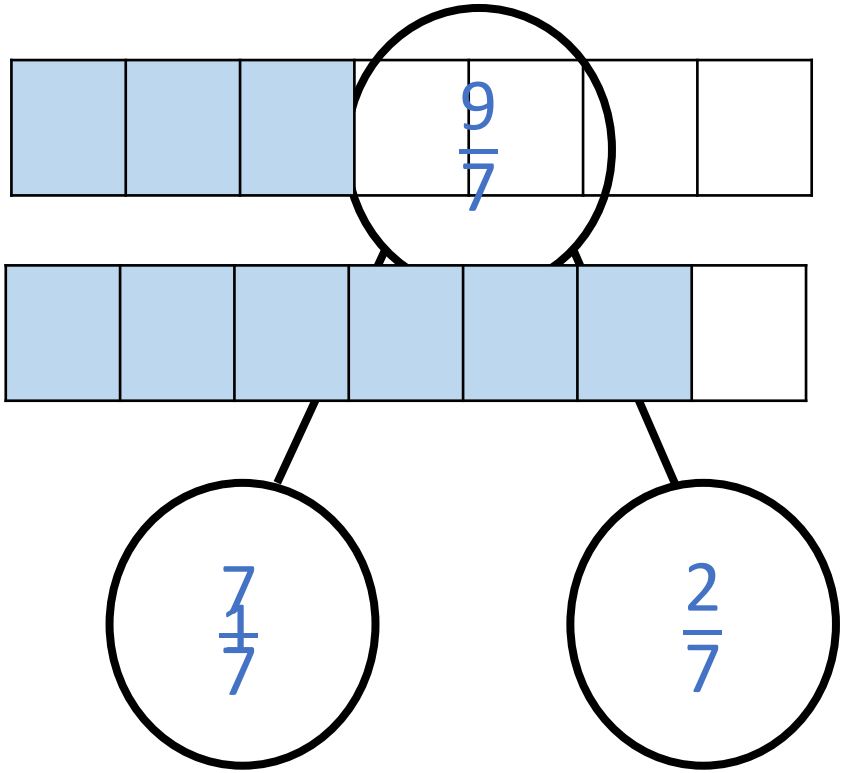
Do they eat more than 1 whole chocolate bar altogether? Yes



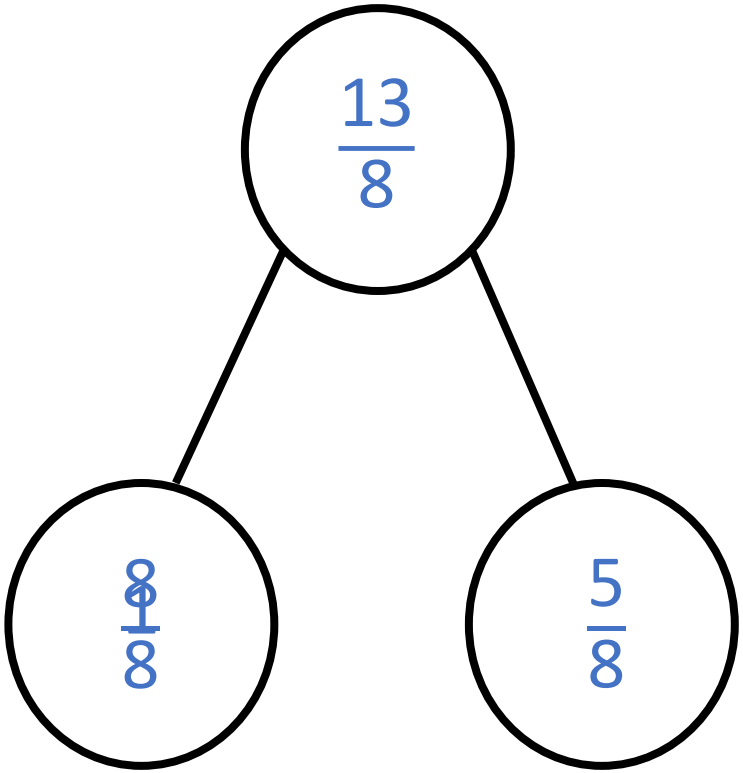
$$\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$$

Have a think

$$\frac{3}{7} + \frac{6}{7} = \boxed{\frac{9}{7}} = \boxed{1\frac{2}{7}}$$

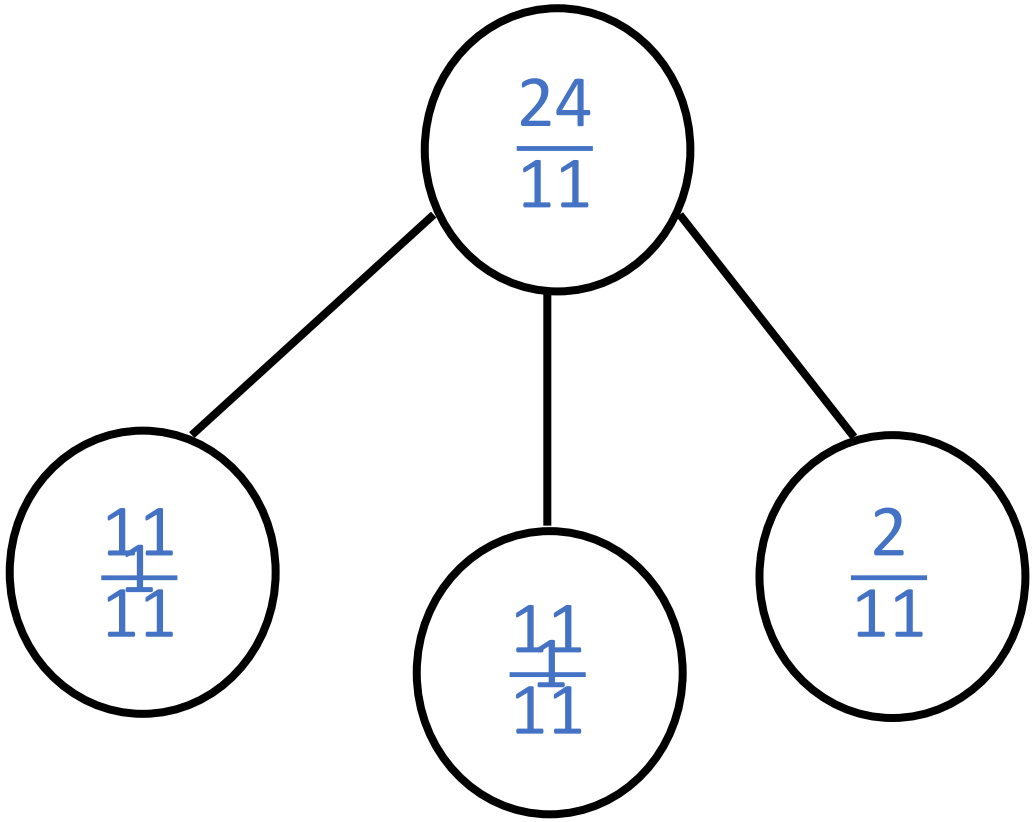


$$\frac{3}{8} + \frac{3}{8} + \frac{7}{8} = \boxed{\frac{13}{8}} = \boxed{1\ \frac{5}{8}}$$

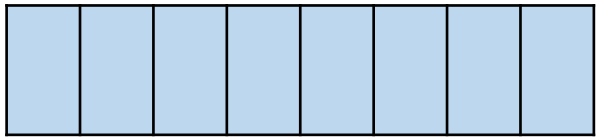


Have a think

$$\frac{8}{11} + \frac{10}{11} + \frac{6}{11} = \boxed{\frac{24}{11}} = \boxed{2\frac{2}{11}}$$

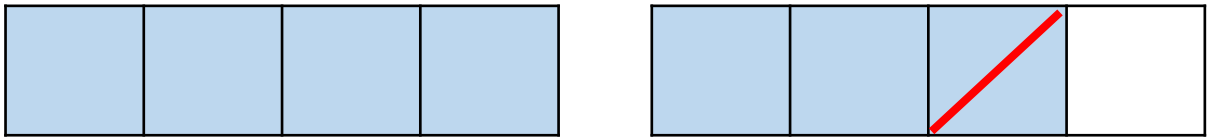


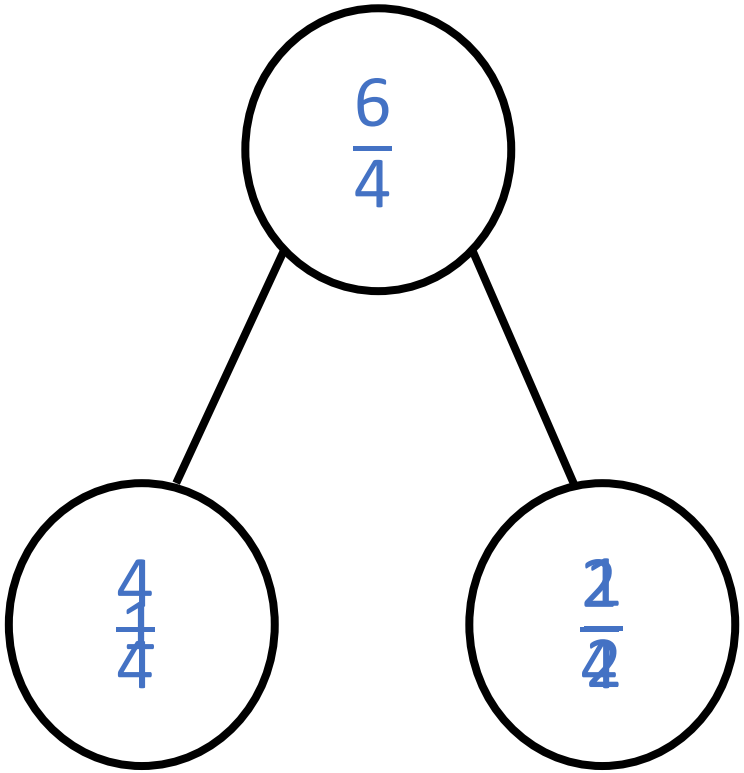
$$\frac{11}{8} - \frac{2}{8} = \boxed{\frac{9}{8}} = \boxed{1\frac{1}{8}}$$



$\frac{7}{4} - \frac{1}{4} = \boxed{\frac{6}{4}} = \boxed{1\frac{1}{2}}$

Have a think





Have a think

$$\frac{21}{5} - \frac{2}{5} - \frac{3}{5} = \boxed{\frac{16}{5}} = \boxed{3\frac{1}{5}}$$

$\frac{19}{5}$

YOUR TURN

Have a go at questions
1 - 3 on the worksheet

White Rose Maths

$$\frac{\boxed{35}}{5} - \frac{7}{5} - \frac{8}{5} = 4$$

$\frac{28}{5}$ $\frac{20}{5}$

$1 = \frac{5}{5}$ $2 = \frac{10}{5}$ $3 = \frac{15}{5}$ $4 = \frac{20}{5}$

$$\frac{5}{2} + \frac{1}{2} = \frac{\boxed{13}}{9} + \frac{14}{9}$$

$\frac{6}{2} = 3$ $3 = \frac{27}{9}$

Have a think

1) $\frac{29}{6} - \frac{\boxed{5}}{6} = 4$

$\frac{24}{6}$

2) $\frac{\boxed{33}}{10} + \frac{17}{10} = \frac{17}{3} - \frac{2}{3}$

$5 = \frac{50}{10}$ $\quad \frac{15}{3} = 5$

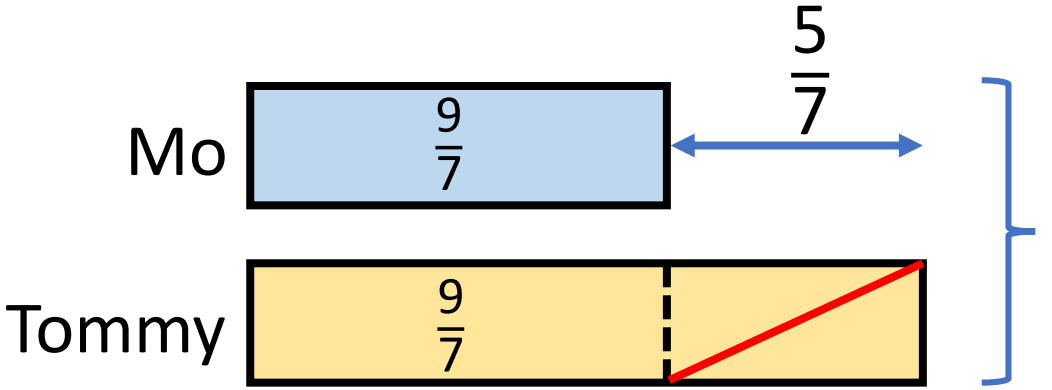
Mo and Tommy each have a jug of milk.

Mo's jug contains $\frac{5}{7}$ litres less milk than Tommy's.

The total milk in the two jugs is $3\frac{2}{7}$ litres.

How much milk does Mo have?

$\frac{9}{7} = 1\frac{2}{7}$ litres



$3\frac{2}{7} - \frac{5}{7} = \frac{18}{7}$

$\frac{23}{7}$

YOUR TURN

Have a go at questions 4 - 7 on the worksheet

White Rose Maths