FRACTIONS OF A SET OF OBJECTS (2)

White Rose Maths

GET READY

White Rose Maths

1) $12 \div 3 =$ $4 \times 2 =$

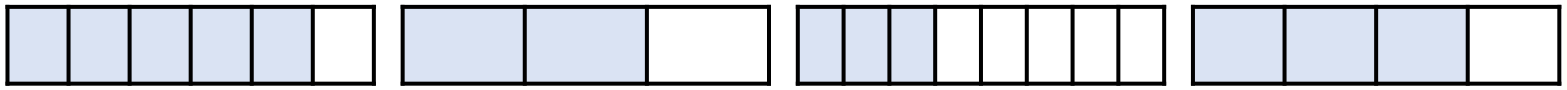
$12 \div 6 =$ $2 \times 5 =$

2) $84 \div 6 =$

3) $14 \times 5 =$

4) Match the bar models to the correct fractions.

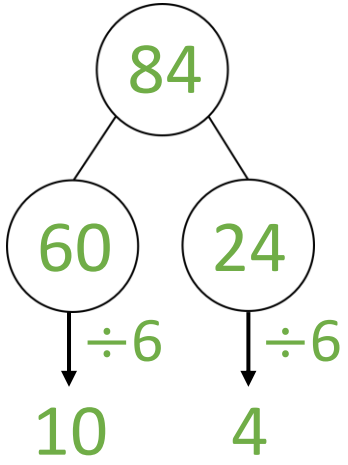
$\frac{2}{3}$ $\frac{3}{4}$ $\frac{3}{8}$ $\frac{5}{6}$



1) $12 \div 3 = 4$ $\quad 4 \times 2 = 8$

$12 \div 6 = 2$ $\quad 2 \times 5 = 10$

2) $84 \div 6 = 14$



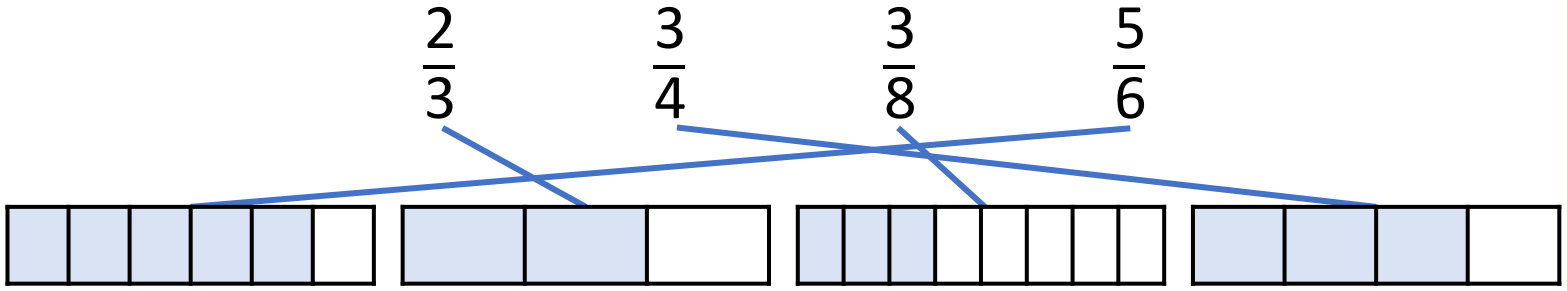
3) $14 \times 5 =$

$10 \times 5 = 50$ $\quad 4 \times 5 = 20$ $\quad 50 + 20 = 70$

$14 \times 10 = 140$ $\quad 140 \div 2 = 70$

4) Match the bar models to the correct fractions.

$\frac{2}{3}$ $\quad \frac{3}{4}$ $\quad \frac{3}{8}$ $\quad \frac{5}{6}$



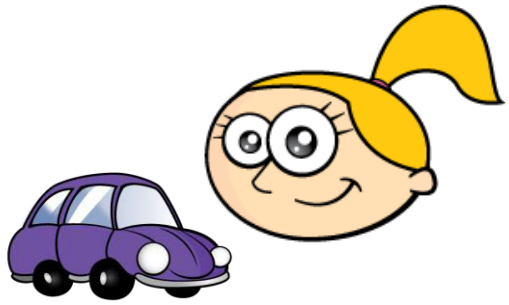
LET'S LEARN

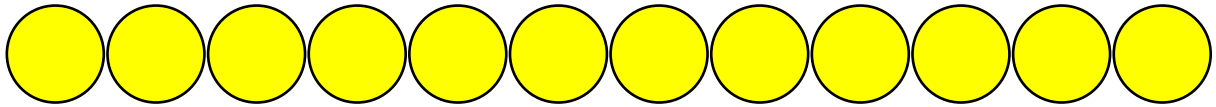
White Rose Maths

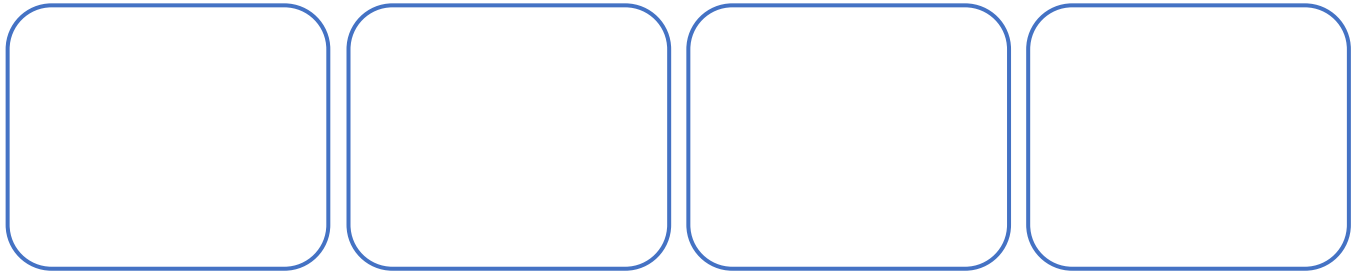
Eva has 12 toy cars.

$\frac{3}{4}$ of the cars are red.

How many red cars are there?







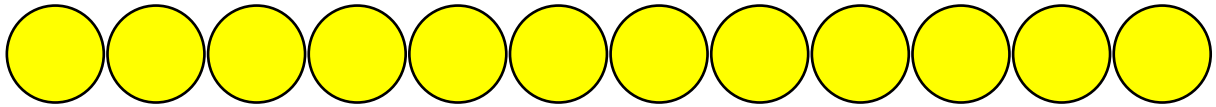
There are 9 red cars.

Mo also has 12 toy cars.

$\frac{2}{3}$ of the cars are blue.

How many blue cars are there?

Have a think



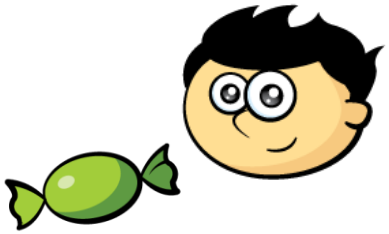
$12 \div 3 = 4$ $4 \times 2 = 8$

There are 8 blue cars.

Jack has 12 sweets.

He eats $\frac{5}{6}$ of his sweets.

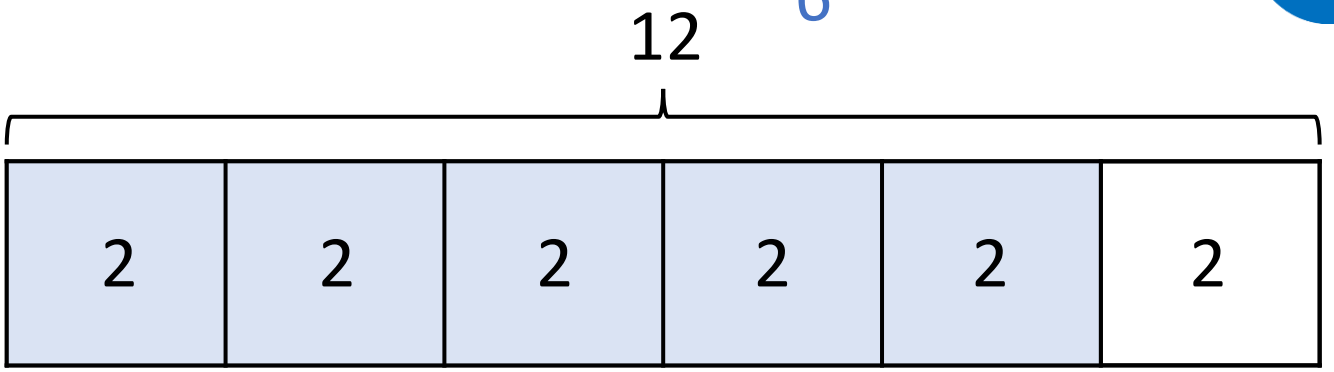
How many sweets did Jack eat?



How many sweets does Jack have left? 2

What fraction are left? $\frac{1}{6}$

Have a think



$12 \div 6 = 2$ $2 \times 5 = 10$

Jack eats 10 sweets.

YOUR TURN

Have a go at questions 1 – 3 on the worksheet

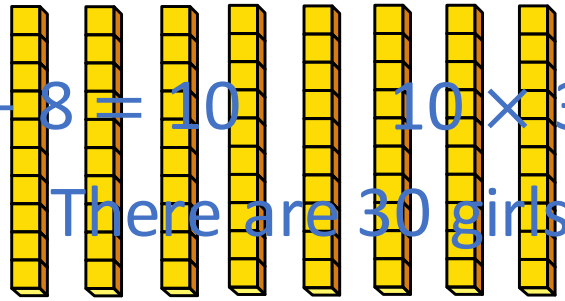
White Rose Maths

There are 80 children in the hall.

$\frac{3}{8}$ of the children are girls.

How many girls are there?

Have a think



$80 \div 8 = 10$ $10 \times 3 = 30$

There are 30 girls.

80

10	10	10	10	10	10	10	10

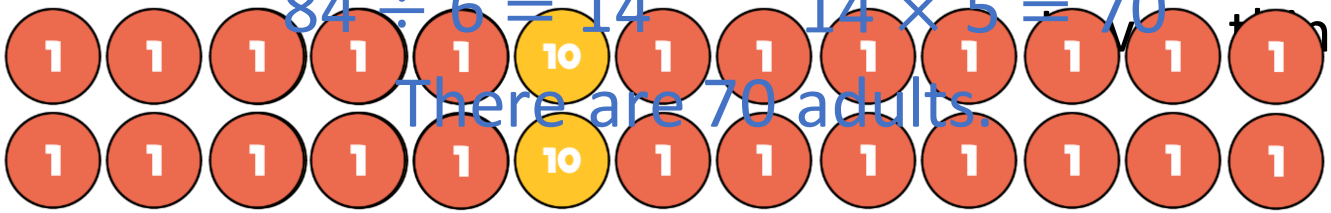
There are 84 people at a concert.

$\frac{5}{6}$ of the people are adults.

How many adults are there?

$84 \div 6 = 14$ $14 \times 5 = 70$

There are 70 adults.



84

14	14	14	14	14	14

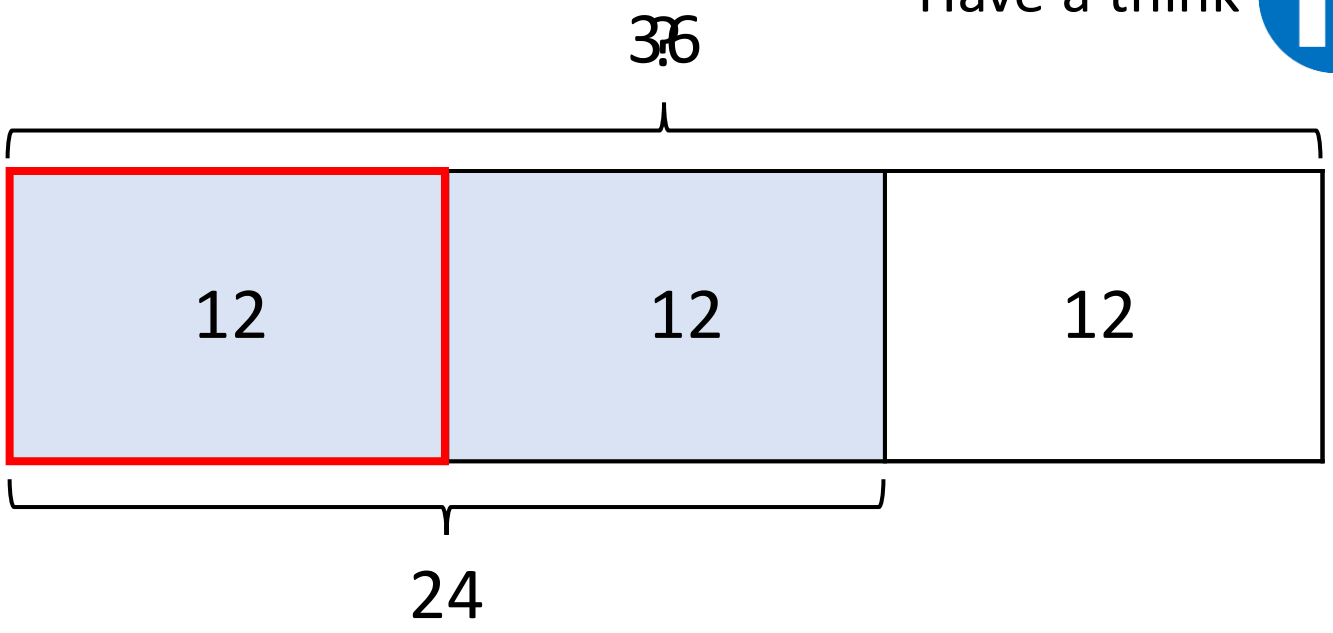
YOUR TURN

Have a go at questions 4 – 5 on the worksheet

White Rose Maths

$\frac{2}{3}$ of 36 = 24

Have a think



$24 \div 2 = 12$ $12 \times 3 = 36$

YOUR TURN

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

White Rose Maths