LO: to calculate ratio

I do

LO: to calculate ratio

I do

For every 1 vase, there are 5 flowers.

If there are 15 flowers, how many vases are there?

LO: to calculate ratio

I do

For every 5 blue marbles, there are 3 red marbles.

If there are 15 blue marbles, how many red marbles are there?

LO: to calculate ratio

we do

Each team in a family quiz is made up of 2 adults and 3 children.

There are 12 adults in the competition.

LO: to calculate ratio

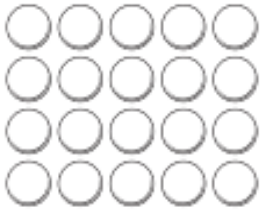
I do

The ratio of red to yellow counters is 2:3

There are 20 counters in total.

How many counters of each colour are there?

You can colour the counters to help you.



LO: to calculate ratio

I do

Tom has 5 green cubes for every 3 yellow cubes.

He has 16 cubes in total.

Draw a diagram to represent this.

LO: to calculate ratio

we do

Esther is building a tower of cubes.

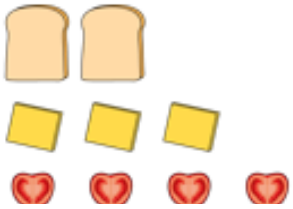
The ratio of red to yellow cubes is 3 : 1

The tower has 6 yellow cubes. How many red cubes are there?

LO: to calculate ratio

we do

To make a cheese and tomato sandwich we need
2 slices of bread, 3 slices of cheese and 4 slices of tomato.

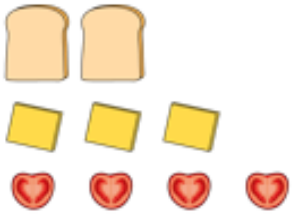


What do we need to make 12 sandwiches?

LO: to calculate ratio

we do

To make a cheese and tomato sandwich we need
2 slices of bread, 3 slices of cheese and 4 slices of tomato.



If we use 21 slices of cheese,
how many slices of tomato do we need?

LO: to calculate ratio

you do

1 Eva is baking cakes and cookies.

For every 1 cake, she will bake 2 cookies.

a) If Eva bakes 3 cakes, how many cookies will she bake?

b) If Eva bakes 10 cookies, how many cakes will she bake?

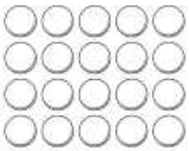


2 The ratio of red to yellow counters is 2:3

There are 20 counters in total.

How many counters of each colour are there?

You can colour the counters to help you.



3 Tom has 5 green cubes for every 3 yellow cubes.

He has 16 cubes in total.

Draw a diagram to represent this.

4 Esther is building a tower of cubes.

The ratio of red to yellow cubes is 3:1

The tower has 6 yellow cubes. How many red cubes are there?

5 Nijah plays 21 games of chess.

For every 2 games she wins, she loses 5 games.

How many more games does she lose than win?

6a. What is the ratio of horses to giraffes?



☐ : ☐

Use the ratio to calculate how many animals there will be altogether if there are 20 horses.

20 horses

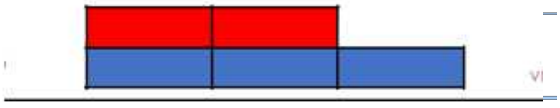
☐ giraffes

☐ animals altogether

5b. There are 30 vehicles in a traffic jam. For every 3 cars, there are 2 vans. Use the bar model to help you calculate:

How many cars altogether? ☐

How many vans altogether? ☐



LO: to calculate ratio

we do

LO: to calculate ratio

you do

Complete in books