

1

4a. Use the image below to complete the ratio statements.



For every ___ apples, there are ___ bananas.

:

If there are 12 apples, how many bananas will there be?

A

4b. Use the image below to complete the ratio statements.



For every ___ pairs of scissors, there are ___ glue pots.

:

If there are 18 pairs of scissors, how many glue pots will there be?

A

2

5a. There are 28 pieces of fruit on a plate. For every 4 strawberries, there are 3 raspberries. Use the bar model to help you calculate:

How many strawberries altogether?
How many raspberries altogether?



VF

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?



VF

3

4a. Fred is catering for a large party.

For every 2 cheese pizzas, he makes 3 ham pizzas.

There are 60 people in the party, $\frac{1}{3}$ of the people want a cheese pizza.

How many pizzas does Fred need to make altogether?

How many ham pizzas will he make?

4b. Will is providing drinks for a school disco.

For every 4 bottles of pop, he takes 1 bottle of water.

There are 45 people going to the disco, $\frac{1}{3}$ of them want water.

How many bottles does Will take altogether?

How many bottles of water does he take?

4

6a. For every 4 boys in the class, there are 3 girls. There are 16 boys altogether.

Half of the boys are out of the classroom one afternoon.

What is the new ratio of boys to girls?

What is the new total number of pupils?

6b. For every 2 cats in the kennel, there are 6 dogs. There are 24 dogs altogether.

One third of the dogs are out on their walk.

What is the new ratio of cats to dogs?

What is the new total number of animals?