Ratio and Proportion

Ratio Language

True or false?



If there are 24 lemons, there will be 64 oranges and 32 raspberries.

VF

True or false?



If there are 9 oranges, there will be 8 lemons and 12 raspberries.

VF

Fill in the missing numbers.



If there is 1 ■, there will be □ ▲ and □ ●.

If there are 8 ■, there will be □ ▲ and □ ●.

Fill in the missing numbers.



If there are 4 ■, there will be □ ▲ and □ ●.

If there are 8 ■, there will be □ ▲ and □ ●.

Aiden has the selection of shapes below.



He has hidden some triangles and circles in a bag.

He says,



There are 2 triangles for every square and 2 circles for every triangle.



How many triangles and circles are in the bag? Explain how you know.

LIVEWORKSHEETS

Callum visited the zoo and created three different statements about the number of animals he saw.

For each lion, there were more than twice as many giraffes.
For each giraffe, there were 2 toucans.
There was an even amount of elephants.
Altogether, I saw 50 animals.



:	:	:
:	:	:
:	:	:



How many of each animal could there have been?

DP

Salesman Sam is trying to calculate how many of each brand of television he sold at his shop last month.

For every ZG sold, 3 Tamsung sets were sold.
For every Tamsung sold, fewer than 3 Phony televisions were sold.



The number of Fillips and Fanasonic televisions sold was the same.
Altogether, we sold 100 televisions.



ZG	Tamsung	Phony	Fillips	Fanasonic
:	:	:	:	
:	:	:	:	
:	:	:	:	

How many of each brand of television could he have sold?

DP

LIVEWORKSHEETS