

## Ratio and Proportion Problems

1. Shape A has been enlarged by different scale factors to make shapes B, C and D.

Shape	Length	Width
A	3cm	4cm
B		12cm
C	15cm	
D	30cm	

Calculate the missing measurements.

2. The ratio of strawberries to grapes is 3:2.

Pippa has 25 pieces of fruit in total.

Calculate the number of strawberries and grapes.

strawberries	<input type="text"/>	<input type="text"/>	<input type="text"/>	25 pieces in total
grapes	<input type="text"/>	<input type="text"/>		

3. A smoothie recipe serves 2 people.

It says to use 3 cherries, 5 grapes and 2 bananas.

Jaxon says,



To serve 8 people, I will  
need 44 pieces of fruit in  
total.

Harry says,



To serve 8 people, I will  
need to use 20 grapes.

Who is correct? Explain your answer.