

a) The value of Michelle's car has decreased by 15%.
The car now has a value of £13 600.
Work out the value of Michelle's car before the decrease.

What percentage of the value of Michelle's car remains?	$100\% - 15\% = 85\%$						
What does this percentage represent?	<table border="1"> <tr> <td>85%</td> <td>5%</td> <td>100%</td> </tr> <tr> <td>£13 600</td> <td>£800</td> <td>£16 000</td> </tr> </table>	85%	5%	100%	£13 600	£800	£16 000
85%	5%	100%					
£13 600	£800	£16 000					
What was Michelle's car worth?	£16 000						

b) The value of Michelle's car has decreased by 20%.
The car now has a value of £13 600.
Work out the value of Michelle's car before the decrease.

What percentage of the value of Michelle's car remains?	$100\% - 20\% = 80\%$						
What does this percentage represent?	<table border="1"> <tr> <td>80%</td> <td>20%</td> <td></td> </tr> <tr> <td>£13 600</td> <td>£3 400</td> <td></td> </tr> </table>	80%	20%		£13 600	£3 400	
80%	20%						
£13 600	£3 400						
What was Michelle's car worth?							

c) The value of Michelle's car has decreased by 12%.
The car now has a value of £14 520.
Work out the value of Michelle's car before the decrease.

What percentage of the value of Michelle's car remains?	$100\% - 12\% = 88\%$	
What does this percentage represent?		
What was Michelle's car worth?		

d) The value of Michelle's car has decreased by 5%.
The car now has a value of £15 390.
Work out the value of Michelle's car before the decrease.

What percentage of the value of Michelle's car remains?		
What does this percentage represent?		
What was Michelle's car worth?		