

Level 2: Calculate percentages change (any size increase and decrease), and original value after percentage change

1. Calculate:

Question	Answer
Increase £70 by 35%	
Increase 127cm by 27%	
Decrease 91km by 14%	
Decrease 7299ml by 99%	
Increase 5672 by%	
Increase by 7%	8,608.15
Decrease 404 by%	339.36
Decrease 94 495 by%	11,339.4

2. Joan wants to buy a pair of shoes which normally costs £62. The shoes are now on sale in store, 32% off.

Work out the price of the shoes when on sale in store.

.....

Joan found the same pair of shoes online, for £65 but 35% off. Is this a better offer than the one in store?

.....



3. Ayla says: '35% of £72 is the same as 72% of £35'. Does this always work?

Give examples.

.....
.....

4. Ian is making a purchase online. The total after VAT is £1802.95. This includes to VAT, which is 20% of the total.

Work out the total before VAT.

.....
.....
.....
.....



5. Ayla says: 'Decreasing an amount by 5% is the same as working out 95% of it'. Is this correct? Explain.

.....
.....

6. Create your own question.

7. Which other topics does this topic relate to?