a)
The price of a dishwasher is reduced by 20% in a sale.
The sale price of the dishwasher is £396.
What was the price of the dishwasher before the sale?

What percentage of the original price is the sale price?	100% - 20% = 80%
What does this percentage represent?	80% = £396
How can we scale this up to the original price?	$10\% = \frac{80\%}{8}$ $10\% = \frac{£396}{8}$ 10% = £49.50 100% = 10% × 10 £49.50 × 10 = £495
What was the original price?	£495

b)
The price of a bike is reduced by 30% in a sale.
The sale price of the bike is £504.

What was the price of the bike before the sale?

What percentage of the original price is the sale price?	100% - 30% = 70%
What does this percentage represent?	70% = £504
How can we scale this up to the original price?	
What was the original price?	

c)
Sam drinks 40% of a bottle of water.
The bottle now contain 450ml of water.

How much water was in the full bottle?