



Percentages include word problems.

1. The price of a painting is £300 after a 50% increase. What was the old price?

$(100\% + 50\% = 150\%)$

Answer = £

2. This week, sales of cycles in a bike shop are 153, down 15% from last week. How many were sold last week?

$(100\% - 15\% = 85\%)$

Answer =            cycles

3. A hot air balloon weighs 1650 kg after 45% of the weight has been thrown out as ballast. What was the original weight?

$(100\% - 45\% = 55\%)$

Answer =            kg

4. A shop sells a flute for £81, making a profit of 80%. What was the original cost price?

$(100\% + 80\% = 180\%)$

Answer = £