Percentage increase: Find the percentage of the amount and then add it on to the original amount.
a) Increase $\mathbf{£ 2 0 0}$ by $\mathbf{5 0 \%}$
b) Increase 450 cm by $\mathbf{2 5 \%}$
c) Increase 30 kg by 70\%
d) Increase $\mathbf{2 0 0}$ miles by 48\%

Percentage decrease: Find the percentage of the amount and then subtract this from the original amount.
a) Decrease $\mathbf{3 7 0} \mathrm{cm}$ by $\mathbf{1 0 \%}$
b) Decrease $£ \mathbf{8 5 0}$ by $\mathbf{2 0 \%}$
c) Decrease $\mathbf{1 6 0 g}$ by $\mathbf{4 5 \%}$
d) Decrease 47 km by 30\%

Percentage increase: Find the percentage of the amount and then add it on to the original amount.
a) Increase $\mathbf{£ 2 0 0}$ by $\mathbf{5 0 \%}$
£250
b) Increase 450 cm by $\mathbf{2 5 \%}$
562.5 cm
c) Increase 30 kg by $\mathbf{7 0 \%}$

51kg
d) Increase 200 miles by $\mathbf{4 8 \%}$

## 296miles

Percentage decrease: Find the percentage of the amount and then subtract this from the original amount.
a) Decrease $\mathbf{3 7 0} \mathrm{cm}$ by $\mathbf{1 0 \%}$

333 cm
b) Decrease $£ \mathbf{8 5 0}$ by $\mathbf{2 0 \%}$
£680
c) Decrease 160 g by $\mathbf{4 5 \%}$

88g
d) Decrease 47 km by $\mathbf{3 0 \%}$
32.9km

