1) Work out $\left(5 \times 10^{4}\right) \times\left(3 \times 10^{2}\right)$, giving your answer in standard form
2) Factorise $x^{2}-100$
3) Find the equation of the straight line passing through the points $(0,-3)$ and $(1,0)$
4) If 210 g of flour are needed to make 12 cakes, how much flour will be needed for 15 cakes?
5) Factorise $x^{2}-9 x+20$
