1) Solve simultaneously:



$$2x - 2y = 22$$
 and $3x + 6y = -12$

2) Simplify
$$\sqrt{7} \times \sqrt{14}$$

3)
$$? m^3 = 500 cm^3$$

4) Work out the value of
$$3x^3 - x^2$$
 when $x = -2$

5) Solve by factorising
$$6x^2 - 13x - 15 = 0$$