



- 1) Factorise and solve  $x^2 - x - 12 = 0$
- 2) Express in completed square form  $x^2 - 10x + 12$
- 3) Simplify  $\frac{3x}{4} - \frac{x}{5}$
- 4) Expand and simplify  $\sqrt{7}(2\sqrt{7} - 5)$
- 5) Find the gradient of the line  $3y + 2x = -12$