

**Outcome 1 - Completing the Square**

Write the following quadratics
in form...

$$y = (x + a)^2 + b.$$

 $y = x^2 + 17x + 41$  $y = x^2 + x + 63$

 $y = x^2 + 9x - 18$  $y = x^2 + 7x + 5$

 $y = x^2 + 5x - 11$  $y = x^2 - x - 21$

 $y = x^2 - 11x + 4$  $y = x^2 - 3x + 1$

 $y = x^2 - 9x - 22$  $y = x^2 - 3x + 3$