

12/3/12 Warm Up

Solve by Completing the Square.

① $x^2 - 4x + 2 = 0$

② $x^2 - 2x - 5 = 0$

$\frac{b}{2}$ $(x \quad)^2 - \quad + 2 = 0$ $(\frac{b}{2})^2$

$(x - 2)^2 - 4 + 2 = 0$

$(x - 2)^2 - 2 = 0$
+2 +2

$(x - 2)^2 = 2$

$x - 2 = \pm\sqrt{2}$
+2 +2

$x = 2 \pm \sqrt{2}$

you still need
to copy down
number ①

③ $y^2 + 8y + 6 = 0$