



Completing the Square

Version 1

Name: _____

Date: _____

Score: _____

Direction: Write each quadratic equation in vertex form by Completing the Square. Show your solution on the space provided.

1) $y = x^2 + 8x + 15$

2) $y = x^2 - 2x - 48$

3) $y = x^2 - 16x + 55$



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Direction: Write each quadratic equation in vertex form by Completing the Square. Show your solution on the space provided.

1) $y = x^2 + 8x + 15$

$$y = (x + 4)^2 - 1$$

2) $y = x^2 - 2x - 48$

$$y = (x - 1)^2 - 49$$

3) $y = x^2 - 16x + 55$

$$y = (x - 8)^2 - 9$$