



# Completing the Square

Version 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1)  $y = x^2 - 10x + 21$

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

3)  $y = x^2 - 2x - 15$



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

1)  $y = x^2 - 10x + 21$

$$y = (x - 5)^2 - 4$$

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

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

3)  $y = x^2 - 2x - 15$

$$y = (x - 1)^2 - 16$$