

Completing the Square #1

Name: _____

Practice Problems-Convert the following from standard form to vertex form by completing the square.

1) $y = x^2 + 12x + 23$

2) $y = x^2 + 8x + 13$

3) $y = x^2 - 6x + 14$

4) $y = x^2 + 12x + 44$

5) $y = x^2 - 10x + 5$

6) $y = x^2 + 7x + 4$