

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

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

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### Solve Quadratic Equations by Completing the Square

Solve each equation by completing the square.

1)  $z^2 - 18z + 27 = -9$

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

2)  $p^2 + 18p = -77$

7)  $6w^2 - 48w - 50 = 0$

3)  $12s^2 - 68s = -40$

8)  $20h^2 - 48h = 6$

4)  $6z^2 - 37z + 4 = -1$

9)  $10w^2 - 19w - 5 = 0$

5)  $g^2 + 19g = 72$

10)  $m^2 + 13m - 4 = 2$

