

Name : _____ Score : _____

Teacher : _____ Date : _____

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

