

Name : _____

Completing the Square

DS2

Solve each quadratic equation by completing the square.

1) $\left(\frac{d-1}{9}\right) - 2\left(\frac{d-1}{9}\right)^2 + 6 = 0$

2) $28 = 3.5(1.8 + z)^2 - 7(1.8 + z)$

3) $5 + (11 + h)^2 \cdot$

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$\frac{8}{5}m) - 16 = 0$

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5) $5\left(\frac{1}{2s}\right)^2 + 2\left(\frac{1}{2}\right)$

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$\frac{1}{2}g) - 16 = 0$