

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

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

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**Solve Quadratics by Taking the Square Root**

**Find the value of the variable. Round to the nearest hundredth if necessary.**

1)  $h^2 = 12$

6)  $q^2 - 3 = 13$

2)  $2h^2 + 2 = -126$

7)  $w^2 - 3 = 27$

3)  $w^2 = 20$

8)  $4d^2 + 9 = -39$

4)  $y^2 + 5 = 8$

9)  $m^2 = 49$

5)  $5z^2 + 8 = 508$

10)  $n^2 + 5 = 11$

