

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

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

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

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

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### Solve Quadratics by Factoring

Find all possible values of the given variable.

1)  $h^2 - 7h = 0$

6)  $k^2 - 12k = -20$

2)  $q^2 - 12q - 96 = -96$

7)  $r^2 + 4r + 8 = 8$

3)  $k^2 - 9k = 0$

8)  $(3d - 1)(d + 9) = 0$

4)  $k^2 + 9k - 5 = 5$

9)  $m^2 - 14m + 15 = -18$

5)  $b^2 - 8b = -15$

10)  $(q + 11)(6q + 10) = 0$

