

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

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

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

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

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## Solve Quadratics by Factoring

Find all possible values of the given variable.

1)  $n^2 - 2n - 16 = -16$

6)  $x^2 + x - 26 = 106$

2)  $m^2 - 14m + 33 = 0$

7)  $(n + 11)(4n + 7) = 0$

3)  $b^2 - 12b = -32$

8)  $q^2 + 10q - 90 = -90$

4)  $m^2 + 4m - 7 = 5$

9)  $g^2 - 11g = 0$

5)  $d^2 + 9d = 0$

10)  $d^2 + 5d = 24$

