

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

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

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

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

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## Solve Quadratics by Factoring

Find all possible values of the given variable.

1)  $w^2 + 2w = 0$

6)  $z^2 - 3z = 0$

2)  $m^2 + 3m = 0$

7)  $s^2 + 7s + 6 = 0$

3)  $g^2 - 13g + 12 = 0$

8)  $s^2 - 20s + 99 = 0$

4)  $m^2 + 11m + 24 = 0$

9)  $p^2 + 3p = 0$

5)  $y^2 + 3y + 2 = 0$

10)  $z^2 + 2z = 0$



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## Solve Quadratics by Factoring

Find all possible values of the given variable.

1)  $w^2 + 2w = 0$

$w = \{0, -2\}$

6)  $z^2 - 3z = 0$

$z = \{0, 3\}$

2)  $m^2 + 3m = 0$

$m = \{0, -3\}$

7)  $s^2 + 7s + 6 = 0$

$s = \{-6, -1\}$

3)  $g^2 - 13g + 12 = 0$

$g = \{1, 12\}$

8)  $s^2 - 20s + 99 = 0$

$s = \{11, 9\}$

4)  $m^2 + 11m + 24 = 0$

$m = \{-8, -3\}$

9)  $p^2 + 3p = 0$

$p = \{0, -3\}$

5)  $y^2 + 3y + 2 = 0$

$y = \{-1, -2\}$

10)  $z^2 + 2z = 0$

$z = \{0, -2\}$

