

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

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

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

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

---

## Solve Quadratics by Factoring

Find all possible values of the given variable.

1)  $n^2 + 7n = 0$

6)  $n^2 - n = 0$

2)  $p^2 - p - 6 = 0$

7)  $m^2 + 7m = 0$

3)  $q^2 - 7q - 60 = 0$

8)  $w^2 - 6w - 55 = 0$

4)  $w^2 - 8w = 0$

9)  $b^2 + 7b = 0$

5)  $y^2 + 6y + 5 = 0$

10)  $z^2 - 6z + 8 = 0$



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

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

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

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

## Solve Quadratics by Factoring

Find all possible values of the given variable.

1)  $n^2 + 7n = 0$

$n = \{0, -7\}$

6)  $n^2 - n = 0$

$n = \{0, 1\}$

2)  $p^2 - p - 6 = 0$

$p = \{-2, 3\}$

7)  $m^2 + 7m = 0$

$m = \{0, -7\}$

3)  $q^2 - 7q - 60 = 0$

$q = \{-5, 12\}$

8)  $w^2 - 6w - 55 = 0$

$w = \{11, -5\}$

4)  $w^2 - 8w = 0$

$w = \{0, 8\}$

9)  $b^2 + 7b = 0$

$b = \{0, -7\}$

5)  $y^2 + 6y + 5 = 0$

$y = \{-1, -5\}$

10)  $z^2 - 6z + 8 = 0$

$z = \{4, 2\}$

