Name : _____ Score : _____

Teacher : _____ Date : _____

# Solve Quadratics by Factoring

**Find all possible values of the given variable.**

1) $h^2 - 11h + 10 = 0$

2) $z^2 - 6z + 5 = 0$

3) $g^2 + 7g = 0$

4) $b^2 - 6b = 40$

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

6) $(n - 12)(n - 3) = 0$

7) $m^2 - 4m + 40 = 40$

8) $g^2 - g + 2 = 2$

9) $p^2 + 7p - 4 = 4$

10) $(k - 10)(3k - 6) = 0$

Name : _____ Score : _____

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# Solve Quadratics by Factoring

**Find all possible values of the given variable.**

1) $h^2 - 11h + 10 = 0$

h = {1,10}

2) $z^2 - 6z + 5 = 0$

z = {1,5}

3) $g^2 + 7g = 0$

g = {0 ,-7}

4) $b^2 - 6b = 40$

b = {-4,10}

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

p = {0 ,-6}

6) $(n - 12)(n - 3) = 0$

n = { 12 , 3 }

7) $m^2 - 4m + 40 = 40$

m = {4,0}

8) $g^2 - g + 2 = 2$

g = {1,0}

9) $p^2 + 7p - 4 = 4$

p = {1,-8}

10) $(k - 10)(3k - 6) = 0$

k = { 10 , 2 }