



Solving Quadratic Equations

Name _____

Score _____

SQ:02

Solve each quadratic equation by zero product property.

1) $(u + 1)(u + 13) = 0$

2) $(3k + 5)(4k - 9) = 0$

3) $(y - 8)(y - 10) = 0$

4) $(7x - 4)(x + 3) = 0$

5) $(h - 2)(2h + 1) = 0$

6) $(n - 6)(n - 5) = 0$

7) $(5z + 1)(8z - 9) = 0$

8) $(m + 11)(m + 4) = 0$



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Answer key

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Solve each quadratic equation by zero product property.

1) $(u + 1)(u + 13) = 0$

$u = -1$ and $u = -13$

2) $(3k + 5)(4k - 9) = 0$

$k = -\frac{5}{3}$ and $k = \frac{9}{4}$

3) $(y - 8)(y - 10) = 0$

$y = 8$ and $y = 10$

4) $(7x - 4)(x + 3) = 0$

$x = \frac{4}{7}$ and $x = -3$

5) $(h - 2)(2h + 1) = 0$

$h = 2$ and $h = -\frac{1}{2}$

6) $(n - 6)(n - 5) = 0$

$n = 6$ and $n = 5$

7) $(5z + 1)(8z - 9) = 0$

$z = -\frac{1}{5}$ and $z = \frac{9}{8}$

8) $(m + 11)(m + 4) = 0$

$m = -11$ and $m = -4$