

# Algebra 2 Worksheet

## Factoring Quadratic Equations **Answers**

Solve equations below by factoring.

1.  $(3n + 2)(2n - 1) = 0$

$\{-2/3, 1/2\}$

2.  $(4x - 2)(3x + 1) = 0$

$\{1/2, -1/3\}$

3.  $(2m + 1)(3m - 5) = 0$

$\{-1/2, 5/3\}$

4.  $(3k - 1)(6k + 5) = 0$

$\{1/3, -5/6\}$

5.  $(2n + 5)(7n - 1) = 0$

$\{-5/2, -1/7\}$

6.  $(3x + 5)(2x - 1) = 0$

$\{-5/3, 1/2\}$

7.  $(2n - 1)(5n + 2) = 0$

$\{1/2, -2/5\}$

8.  $(3n + 2)(4n - 5) = 0$

$\{-2/3, 5/4\}$

9.  $(4m - 1)(3m + 4) = 0$

$\{1/4, -4/3\}$

10.  $(5x - 2)(3x + 4) = 0$

$\{2/5, -4/3\}$