

## Solving Quadratic Equations By Factoring

**Solve each equation by factoring.**

1)  $(3n - 2)(4n + 1) = 0$

2)  $m(m - 3) = 0$

3)  $(5n - 1)(n + 1) = 0$

4)  $(n + 2)(2n + 5) = 0$

5)  $3k^2 + 72 = 33k$

6)  $n^2 = -18 - 9n$

7)  $7v^2 - 42 = -35v$

8)  $k^2 = -4k - 4$

9)  $-2v^2 - v + 12 = -3v^2 + 6v$

10)  $-4n^2 + 6n - 16 = -5n^2$