

**Solve each equation by factoring.**

1)  $2k^2 - 3k - 2 = 0$

2)  $3x^2 - 14x + 15 = 0$

3)  $2r^2 - r - 6 = 0$

4)  $3m^2 + 4m - 4 = 0$

5)  $5x^2 - 8x - 4 = 0$

6)  $2m^2 - m = 3$

7)  $6n^2 - 5n - 7 = -3$

8)  $5m^2 + 3m + 2 = 4$

$$9) 5v^2 - 9v + 1 = -3$$

$$10) 5x^2 + 9x + 8 = 4$$

$$11) 3n^2 + 16n + 3 = -2$$

$$12) 4n^2 - n + 4 = 4$$

$$13) 3a^2 - 8a - 7 = -4$$

$$14) 10b^2 - 13b - 7 = -4$$

**Factor each completely.**

$$15) 9k^2 - 25$$

$$16) 25p^2 - 9$$

$$17) n^2 - 4$$

$$18) 16n^2 - 9$$