

**Solve each equation by factoring.**

$$1) \ (k + 1)(k - 5) = 0$$

$$2) \ (a + 1)(a + 2) = 0$$

$$3) \ (4k + 5)(k + 1) = 0$$

$$4) \ (2m + 3)(4m + 3) = 0$$

$$5) \ x^2 - 11x + 19 = -5$$

$$6) \ n^2 + 7n + 15 = 5$$

$$7) \ n^2 - 10n + 22 = -2$$

$$8) \ n^2 + 3n - 12 = 6$$

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

$$10) \ 7r^2 - 14r = -7$$