

Solve by factoring.

Name: \_\_\_\_\_

1.  $(2m + 3)(4m + 3) = 0$

2.  $x^2 - 11x + 19 = -5$

3.  $n^2 + 7n + 15 = 5$

4.  $n^2 - 10n + 22 = -2$

5.  $n^2 + 3n - 12 = 6$

6.  $6n^2 - 18n - 18 = 6$

7.  $7r^2 - 14r = -7$

8.  $b^2 + 5b - 35 = 3b$

9.  $-4k^2 - 8k - 3 = -3 - 5k^2$

10.  $5r^2 - 44r + 120 = -30 + 11r$