Name_____ ID: 1

Prerequisite Skills Unit 2 Lesson 2

Date_____ Period_____

Solve each equation by factoring.

1) $v^2 - 5v - 14 = 0$

2) $n^2 + 9n + 20 = 0$

3) $n^2 + 14n + 48 = 0$

4) $k^2 - 11k + 24 = 0$

5) $3x^2 - x - 10 = 0$

6) $3x^2 - 11x - 4 = 0$

7) $5x^2 + 2x - 3 = 0$

8) $5p^2 + 12p - 9 = 0$

9) $x^2 - 3x = 0$

10) $r^2 - 7r = 0$

11) $m^2 + m = 0$

12) $k^2 + 3k = 0$

Solve each equation by taking square roots.

13) $16p^2 + 1 = 26$

14) $4x^2 - 3 = 61$

15) $5n^2 - 5 = 120$

16) $25x^2 - 5 = -4$

Solve each equation with the quadratic formula.

17) $n^2 - 2n - 3 = 0$

18) $2n^2 + 3n - 5 = 0$

19) $n^2 - 4n - 4 = 0$

20) $2m^2 - m - 6 = 0$