

Practice for 3.5

Date _____ Period _____

Find the x intercepts for each equation by completing the square.

1) $v^2 - 10v - 59 = 0$

2) $p^2 + 4p - 67 = 0$

3) $k^2 + 14k - 70 = 0$

4) $m^2 - 18m + 80 = 0$

5) $a^2 - 20a + 99 = 0$

6) $x^2 - 12x - 76 = 0$

7) $k^2 + 16k + 38 = 0$

8) $a^2 - 8a - 11 = 0$

$$9) x^2 + 16x + 61 = 0$$

$$10) x^2 - 6x - 27 = 0$$

$$11) 4p^2 - 8p - 5 = 0$$

$$12) 4x^2 + 16x - 9 = 0$$

$$13) 3x^2 + 6x - 33 = 0$$

$$14) 2x^2 - 20x - 78 = 0$$

$$15) 3n^2 + 6n - 8 = 0$$