

3.14 - Homework

Date _____

Solve each equation by completing the square.

1) $x^2 - 4x - 89 = 0$

2) $x^2 - 20x + 51 = 0$

3) $x^2 - 2x - 99 = 0$

4) $x^2 + 2x - 59 = 0$

5) $n^2 + 8n + 11 = 7$

6) $p^2 + 2p + 36 = 4$

7) $r^2 - 4r - 24 = -3$

8) $x^2 - 18x + 63 = -2$

9) $x^2 + 75 = 20x$

10) $n^2 = -26 - 16n$