

HW #12 Completing the Square

Solve each equation by completing the square.

1) $10k^2 + 20k - 30 = 0$

2) $3x^2 + 6x - 72 = 0$

3) $5p^2 + 10p - 78 = -3$

4) $5k^2 + 10k - 10 = 5$

5) $9x^2 + 18x - 55 = 0$

6) $7n^2 + 14n - 82 = 0$

7) $7k^2 - 14k + 37 = 5$

8) $6n^2 + 12n + 84 = -8$