

Practice 10-5

Solve each equation by completing the square. If necessary, round to the nearest hundredth.

1. $x^2 - 3x = 18$

2. $x^2 - 8x - 4 = 0$

3. $x^2 + 11x + 10 = 0$

4. $x^2 + 2x = 15$

5. $x^2 - 8x = 9$

6. $x^2 + 5x = -6$

7. $2x^2 - 3x - 2 = 0$

8. $2x^2 + 12x - 32 = 0$

9. $3x^2 + 17x - 6 = 0$

10. $2x^2 - x - 28 = 0$

$$11. 3x^2 - 4x + 1 = 0$$

$$12. 2x^2 - 5x - 3 = 0$$

$$13. 6x^2 - 2x = 28$$

$$14. 2x^2 - 16x = -30$$

$$15. 4x^2 = -2x + 12$$

$$16. 9x^2 + 6x = 3$$

$$17. 10x^2 + 3x = 4$$

$$18. 12x^2 - 29x + 15 = 0$$