Find all real number solutions of each of the following equations. If the solutions are irrational, then express them rounded to three significant figures.

1. $6x^2 + 3x + 1 = 0$

2. $3x^2 = 8x - 5$

3. $x(5x - 1) - 3(2x + 1) = x + 1$

4. $4x^2 + 49 = 28x$

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

6. $4x^2 - 81 = 0$

7. $2x^2 + 7x + 2 = 0$

8. $9x^2 + 12x = 0$

9. $x^2 = 4x + 3$

10. $5x^2 + 6x - 3 = 0$

Find all real number solutions of each of the following equations. If the solutions are irrational, then express them rounded to three significant figures.

11. $10x = 8x^2 + 3$

12. $x^2 = 5$

13. $8x + 1 = 4x^2$

14. $x^2 + (x - 7)^2 = (x + 1)^2$

15. $2x(x + 3) = 7$

16. $x^2 + 3x = 5$