

Solve the following equations:

1. $x^2 = 49$

2. $(x - 3)^2 = 64$

3. $2(3x + 1)^2 - 7 = 5$

4. $\sqrt{x} = 3$

5. $3\sqrt{x} = 5$

6. $3\sqrt{2x + 1} = -8$

7. $\sqrt{3x + 1} = 4$

8. $2\sqrt{5x - 3} = 7$

9. $\sqrt{x^2 - 4} = 6$