

Solving Radical Equations Assignment

Solve the following radical equation.

1. $\sqrt{x} = 3$

Checking solution:

2. $2\sqrt{x} = 12$

Checking solution:

3. $\sqrt{x} = 4$

Checking solution:

Solve the following radical equation.

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

Checking solution:

5. $\sqrt{2y + 1} = 19$

Checking solution:

6. $\sqrt{3x + 1} + 5 = 19$

Checking solution:

Solving Radical Equations Assignment

7. $x = \sqrt{x+2}$

Checking solution:

8. $\sqrt{x-2} = 2-x$

Checking solution:

9. $x-1 = \sqrt{5x-9}$

Checking solution:

Solve the following radical equation.

10. $\sqrt{2x-1} + 5 = 2$

Checking solution:

11. $\sqrt{2x+3} = \sqrt{x+2}$

Checking solution:

Solving Radical Equations Assignment

12. $\sqrt{11 - 2x} = \sqrt{x - 1}$

Checking solution:

13. $2\sqrt{x + 8} = 3\sqrt{x - 2}$

Checking solution:

14. $(4x + 1)^{\frac{1}{2}} + 2 = 5$

Checking solution:

15. $x = \frac{\sqrt{10x + 3}}{5}$

Checking solution: