

SOLVE EACH RADICAL EQUATION:

1. $5\sqrt{x} + 2 = 12$

2. $\sqrt{4x} + 2 = 8$

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

4. $\sqrt{5-2x} + 5 = 12$

5. $2\sqrt[3]{x} - 2 = 0$

6. $4x^{\frac{3}{2}} - 5 = 103$

7. $4x^{\frac{1}{2}} - 5 = 27$

8. $x^{\frac{1}{6}} - 2 = 0$

9. $(2x+1)^{\frac{1}{3}} = 1$

10. $\sqrt{7x-1} = \sqrt{5x+5}$

11. $(x-1)^{\frac{1}{2}} - (2x+1)^{\frac{1}{4}} = 0$

12. $\sqrt{a-8} = \sqrt{3a-42}$