

Solving Radical equations

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Solve each equation. Remember to check for extraneous solutions.

1) $\sqrt{\frac{n}{7}} - 2 = 6$

2) $\sqrt{2 - 17v} = 6$

3) $\sqrt{2p + 38} = 6$

4) $7 = \sqrt{\frac{n}{9}}$

5) $-60 = -5\sqrt{x - 10}$

6) $\sqrt{k - 13} = 11$

7) $-7 = \sqrt{a - 14} - 10$

8) $-5\sqrt{11 - r} = -10$

9) $10 = \sqrt{\frac{x}{3}} - 2$

10) $\sqrt{14 - x} + 8 = 10$

Answers to Solving Radical equations (ID: 1)

1) $\{448\}$

2) $\{-2\}$

3) $\{-1\}$

4) $\{441\}$

5) $\{154\}$

6) $\{134\}$

7) $\{23\}$

8) $\{7\}$

9) $\{432\}$

10) $\{10\}$