

Algebra

A125- Solving Radical Equations



Solve each equation. Remember to check for extraneous solutions.

<p>1. $\sqrt{27m} = 9$</p> <p>A) {6} B) {-6} C) {3} D) {-1, 6}</p>	<p>2. $0 = \sqrt{n}$</p> <p>A) {-8} B) {0, 4} C) {-5} D) {0}</p>
<p>3. $2 = \sqrt{v}$</p> <p>A) {4} B) {-9} C) {2} D) {3}</p>	<p>4. $\sqrt{m} = 6$</p> <p>A) {36} B) {36, -36} C) {-36} D) {6}</p>
<p>5. $\sqrt{v} + 1 = 10$</p> <p>A) {-2} B) {-10, -2} C) {81} D) {5, -2}</p>	<p>6. $8 = \sqrt{\frac{m}{8}} + 6$</p> <p>A) {32} B) {-2} C) {-9, -2} D) {8}</p>
<p>7. $\sqrt{12m} + 7 = 13$</p> <p>A) {-2, -5} B) {2} C) {-10, -5} D) {3}</p>	<p>8. $3 = \sqrt{v + 2}$</p> <p>A) {7} B) {9, -7} C) {7, -7} D) {-7}</p>
<p>9. $7 = 2 + \sqrt{20 - b}$</p> <p>A) {-5} B) {5} C) {6, -5} D) {-8}</p>	<p>10. $-21 = -7\sqrt{3x + 39}$</p> <p>A) {10, 3} B) {-10} C) {-8} D) {3}</p>