

Solving Square Root Equations

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Essential Question: How do we solve a quadratic equation by finding square roots?

Solve each equation.

1) $x^2 - 7 = 9$

2) $11y^2 = 11$

3) $z^2 + 13 = 5$

Solve each equation. Round to the nearest hundredth if necessary.

4) $9m^2 = 169$

5) $16y^2 + 81 = 81$

6) $-6z^2 + 15 = -15$