

## Lesson 9 Problem-Solving Practice

### Estimate Roots

<p><b>1. GEOMETRY</b> If the area of a square is 29 square inches, estimate the length of each side of the square to the nearest whole number. <b>5 in.</b></p>	<p><b>2. DECORATING</b> Miki has a square rug in her living room that has an area of 19 square yards. Estimate the length of a side of the rug to the nearest whole number. <b>4 yd</b></p>
<p><b>3. GARDENING</b> Ruby is planning to put a square garden with an area of 200 square feet in her back yard. Estimate the length of each side of the garden to the nearest whole number. <b>14 ft</b></p>	<p><b>4. ALGEBRA</b> Estimate the solution of <math>c^2 = 40</math> to the nearest integer. <b>6 or -6</b></p>
<p><b>5. ALGEBRA</b> Estimate the solution of <math>x^2 = 138.2</math> to the nearest integer. <b>12 or -12</b></p>	<p><b>6. ARITHMETIC</b> The geometric mean of two numbers <math>a</math> and <math>b</math> can be found by evaluating <math>\sqrt{a \cdot b}</math>. Estimate the geometric mean of 5 and 10 to the nearest whole number. <b>7</b></p>
<p><b>7. GEOMETRY</b> The radius <math>r</math> of a certain circle is given by <math>r = \sqrt{71}</math>. Estimate the radius of the circle to the nearest foot. <b>8 ft</b></p>	<p><b>8. GEOMETRY</b> In a triangle whose base and height are equal, the base <math>b</math> is given by the formula <math>b = \sqrt{2A}</math>, where <math>A</math> is the area of the triangle. Estimate to the nearest whole number the base of this triangle if the area is 17 square meters. <b>6 m</b></p>

# Lesson Translations 2 1 Practice And Problem Solving A B

**Brendan G. Carr**



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Immerse yourself in heartwarming tales of love and emotion with Explore Love with its touching creation, Experience Love's Journey in **Lesson Translations 2 1 Practice And Problem Solving A B**. This emotionally charged ebook, available for download in a PDF format ( PDF Size: \*), is a celebration of love in all its forms. Download now and let the warmth of these stories envelop your heart.

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