

Unit 34 Practice Problems

Instructions: Solve the following problems using the page 92 and 94 procedures. Be sure to state the unknown quantity, draw and label a diagram, state the formula, and label your answer.

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| 1) Find the area of a square room with 9 foot sides. | 2) Find the width of a 100 square foot rectangular patio that is 12.5 feet long. | 3) A parallelogram has a base of 10 feet, a side of 5 feet, and a height of 4 feet. Find its area. |
| 4) Calculate the area of a trapezoid with bases of 12' and 6', and a height of 4'. | 5) Calculate the area of a triangle with a base of 10" and a height of 7". | 6) Calculate the area of a circle with a radius of 8 inches. |
| 7) A parallelogram has a height 10 feet and an area of 80 square feet. Find the base. | 8) A rectangle has a base of $7\frac{1}{2}$ feet and is $3\frac{1}{5}$ feet wide. Find its area. | 9) Calculate the area of a circle with a diameter of 8 inches. |

Unit 34 answers are on page 239.

Unit 34 additional practice problems are on page 189.