Unit 35   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.

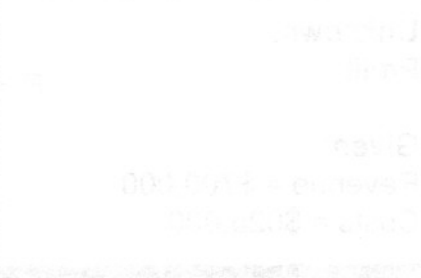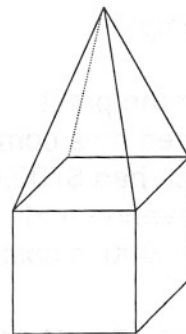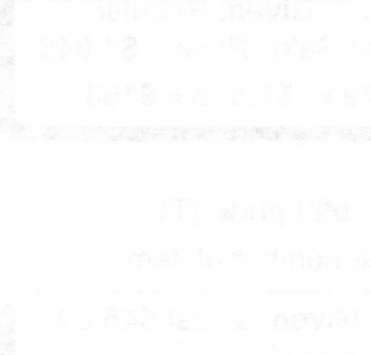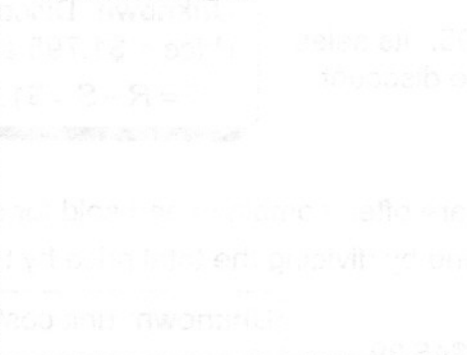|		
1) What is the volume of a 4 foot cube?	2) Find the volume of a room that is 20 feet long, 15 feet wide, and 9 feet high.	3) A cylinder has a 3 inch radius and a height of 10 inches. Find its volume.
4) Find the volume of a pyramid with a 6 foot by 4 foot base and a height of 8 feet.	5) Find the volume of a cone with a 7 inch radius and a height of 5 inches.	6) The pyramid on top of a 5" cube has a height of 9". Find this figure's total volume.
7) An 8,000 cubic inch cube has a 400 square inch base. How long are the sides of this cube?	8) A 250 cubic foot pyramid has a base of 20 square feet. Find its height.	