Quiz 5 on Using Formulas to Solve Problems

Instructions: Solve the following problems. Be sure to state the unknown, what is given with a list or a diagram, and the required formula.				
 A plane traveling at 550 miles per hour crossed the Atlantic Ocean in 8½ hours. How far did it travel? 	2) Find the perimeter and area of a parallelogram with bases of 18", a height of 8", and sides of 10".			
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3) What is the perimeter of a triangle with sides of 3, 4, and 5 inches? Extra credit! What is the special name of this type of triangle?	4) Find the circumference and area of a circle with a diameter of 8 inches. Output Description:			
5) Find the height of a triangle with a base of 12 inches and an area of 36 square inches.	6) Find the perimeter and area of a rectangular figure 5 inches long and 4 inches wide.			

7)	Find the perimeter and area of a trapezoid with bases of 21 and 9 inches, sides of 8 inches, and a height of 7 inches.		What is the radius of a circle having an area of 113.04 square inches?
			To a street the Stanfo Cocon in 8g hours. How to due to be off.
9)	A rectangular box has dimensions of	10)	Find the volume of a cylinder with a 4-inch
	8" x 8" x 5½". Find the volume of this box.	1 2 28	radius and a height of 8 inches.
11)	Find the hypotenuse of a right triangle with a base of 3 inches and a height of 4 inches.		Find the base of a right triangle with a neight of 5" and a hypotenuse of 13".

13) How much interest will \$300 earn over four years with a simple interest rate of 8 percent per year?	14) How long would it take a \$200 bank account earning 8% simple interest to earn \$40 interest?
E) 13 Answer	2 sp 2 sig 2 is a conscriber A) 5 B) 7 C) 9 D) 1 (1) Willia your share
15) Find the profit of a business with revenue of \$56,000,000 and costs of \$42,000,000.	16) Betty received a \$1.89 discount on a CD which normally sells for \$14.95. What was the sale price?
how man, hot do ners as 22 pound package if one not not ned weights a a pound?	2) How much is lett from 41 pounds of 13 tank water for turning conditions of the surround.
17) What is the unit price of 4 Cokes selling for \$1.84?	18) It seems very hot when the Fahrenheit temperature goes over 100 degrees. Find the equivalent Celsius temperature.
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