Name:

Date:

Math Test

Instructions: Solve the following equations.

1. $8 + g = 24$

   ____

2. $4x = 52$

   ____

3. $8x – 10 = 70$

   ____

4. $y – 20 = 60$

   ____

Instructions: Using Bodmas, complete the equation.

1. $5 (4 + 3) =$
2. $10 \times 5 (6 - 3) =$
3. $12 \div 6 + 7 – 8 =$
4. $5^3 (25- 16) \times 6 =$

Simple Interest:

1. A bank is offering 15% simple interest on a savings account. If you deposit \$5,000, how much interest will you earn in one year?

2. Denaja invested \$6000. She earned \$450 in interest. What is her interest rate?

3. John's parents deposited \$1000 into a savings account as a college fund when he was born. He received an interest rate of 4.5%. After 15 years, How much will John have in his account.

4. **2. Find the Rate when.....**

   (a) Principal = \$ 350 Time = $2^1/_2$ years S.I. = \$ 140

5. A and B borrowed \$3000 and \$3500 respectively at the same rate of simple interest for 3 years. If B paid \$150 more interest than A, find the rate of interest per annum.

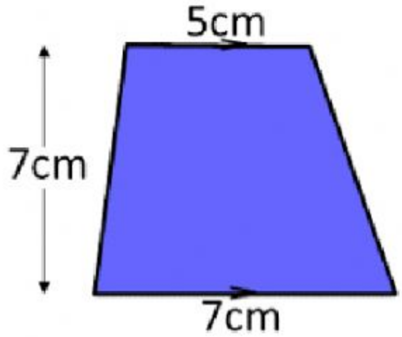
Solve the compound interest.

1. Find the amount and the compound interest on \$12,000 for 2 years at 2.5% per annum, compounded annually.

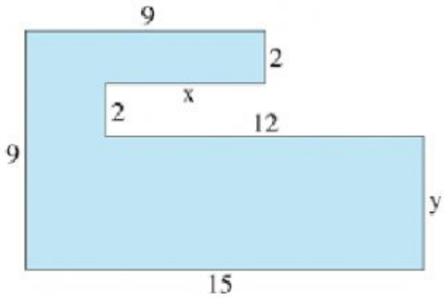
2. Daylan obtained a loan of \$30000 from Scotia Trust Bank to buy a business. If the rate is 7% per annum, what will he have to pay the bank after 5 years?

3. Demario deposited a sum of $32000 in a post office for 2 years, compounded annually at 7.5% per annum. What amount will he get back in 4 years.

Solve the areas of shapes



Ans: _______________



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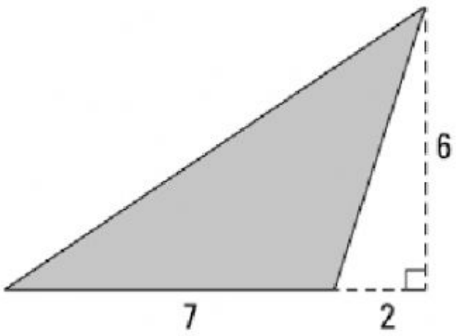

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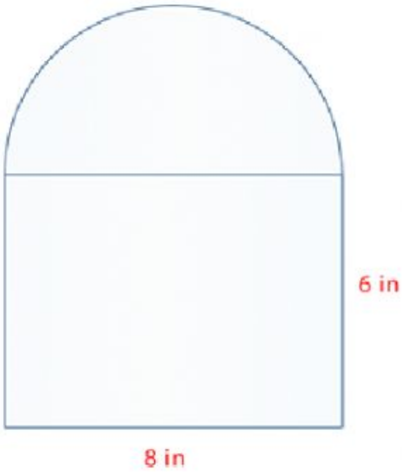

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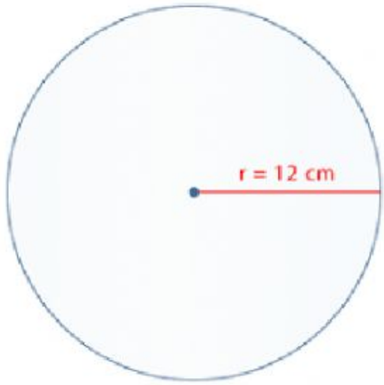

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