

Name:

Date:

Math Test

Instructions: Solve the following equations.

1.  $8 + g = 24$

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2.  $4x = 52$

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3.  $8x - 10 = 70$

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4.  $y - 20 = 60$

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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:

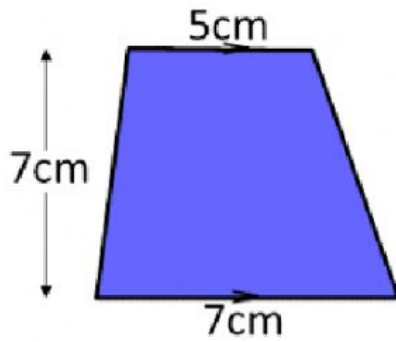
1. A bank is offering 15% simple interest on a savings account. If you deposit \$5,000, how much interest will you earn in one year?
2. Denaja invested \$6000. She earned \$450 in interest. What is her interest rate?
3. John's parents deposited \$1000 into a savings account as a college fund when he 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 =  $2\frac{1}{2}$  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.

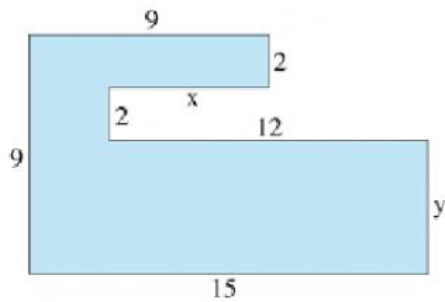
1. Find the amount and the compound interest on \$12,000 for 2 years at 2.5% per annum, compounded annually.
2. Daylan obtained a loan of \$30000 from Scotia Trust Bank to buy a business. If the rate is 7% per annum, what will he have to pay the bank after 5 years?

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.

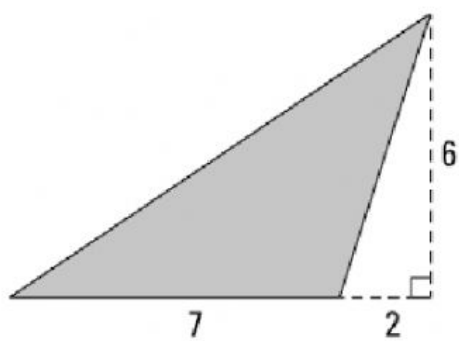
Solve the areas of shapes



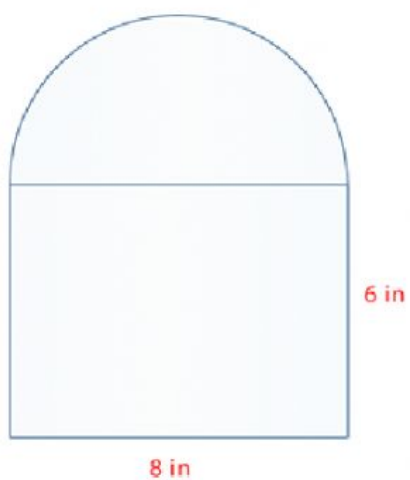
Ans: \_\_\_\_\_



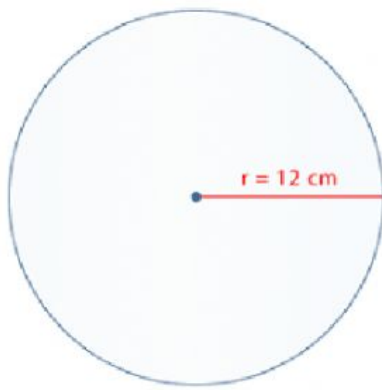
Ans: \_\_\_\_\_



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