

Name: _____

Date: _____

Amount		
Interest		
Principle		
Rate		
Term		
Compounding Period		

1. If Greg invested \$500 for 5 years, compounded monthly, at a rate of 6%, how much interest would he earn on his investment?

A	
I	
P	
r	
t	
n	

2. Sam charges \$4000.00 to a credit card that charges 20.00% interest per annum, compounded monthly.
- a. How much will he owe after 3 years?

A	
I	
P	
r	
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- b. How much will he owe after 10 years?

A	
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2. Find the total value of the a \$7 300 investment at 7% compounded semiannually for 3 years.

A	
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3. Find the interest owed on a \$21 000 if the annual interest rate is 13.6% compounded quarterly for 4 years.

A	
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4. Find the interest earned on a \$12,700, invested at 8.8% compounded daily for 1 year.

A	
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5. Find the interest you would owe on a line of credit debt of \$55,000 at 6% compounded monthly for 2 years.

A	
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6. Find the total value of \$1,500 invested at 7%, compounded annually for 3 years.

A	
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P	
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t	
n	

7. What is the total value of a \$130 debt at loaned out at 9.4%, compounded quarterly for 2 years?

A	
I	
P	
r	
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