

Name : \_\_\_\_\_

## Compound Interest

L1S2

A) Find the compound interest (I) and amount (A). Round your answers to the nearest cent.

1) Principal = \$7,500

2) Principal = \$700

Time = 10 years

Time = 1 year

Rate = 14% compounded annually

Rate = 5% compounded annually

A = \_\_\_\_\_

I = \_\_\_\_\_

3) Principal = \$800

Time = 7 years

Rate = 6% com

A = \_\_\_\_\_

I = \_\_\_\_\_

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0,600

\$

compounded annually

B) Find the amount payable on \$5,000 after 5 years

a) if it is compounded annually at 12%. \_\_\_\_\_  
(Round your answer to the nearest cent.)

b) if it is compounded annually at 3%. \_\_\_\_\_  
(Round your answer to the nearest cent.)