Find the encount of					
. Find the amount a	Find the amount accumulated on \$500 invested at 8.5% for 3 years compounded semi-annually.				
[A] \$815.73	[B] \$038.04	[C] \$041.84	[D] \$12,750		
. Find the amount a	Find the amount accumulated on \$900 invested at 8.5% for 5 years compounded quarterly.				
[A] \$4600.84	[B] \$1353.29	[C] \$1370.52	[D] \$38,250		
. Find the amount a	ccumulated on \$500 investe	ed at 6.5% for 2 years com	pounded semi-annually.		
[A] \$568.24	[B] \$6500	[C] \$567.11	[D] \$643.23		
. Find the amount a	ccumulated on \$800 investe	ed at 5.5% for 3 years com	pounded quarterly.		
[A] \$939.39	[B] \$942.45	[C] \$1520.97	[D] \$13,200		
. Find the amount a [A] \$5400	ccumulated on \$400 investe [B] \$457.13	ed at 4.5% for 3 years com [C] \$456.47	pounded semi-annually. [D] \$520.90		
. Find the amount a [A] \$747.71	ccumulated on \$600 investe [B] \$13,500	ed at 4.5% for 5 years com [C] \$931.78	pounded semi-annually. [D] \$749.52		

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7.	Find the amount accumulated on \$300 invested at 8.5% for 2 years compounded quarterly.			
	[A] \$353.17	[B] \$576.18	[C] \$5100	[D] \$354.96

[A] \$23,400	[B] \$1157.82	[C] \$1164.80	[D] \$2465.11

9. Use any problem solving strategy to solve the following problem. Randy has \$1,000 he wants to invest and has a choice between two accounts. He can invest in an account paying 5.2% interest, compounded semi-annually, for 2 years or an account paying 5.2% compounded annually for 3 years. Which account will earn Randy more money?

10. A bank displayed this sign:

	Special investments	
Minimum Deposit	Compounded	Annual Rate
\$2000	quarterly	5%
\$5000	monthly	6%
\$10,000	semi - annually	8%

Jeff has \$10,000 to invest for 3 years. Compare the worth of his investment if he chose the 6% compounded monthly account with the amount he would have if he deposited the money in the 8% compounded semi-annually account.

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- [1] C
- [2] C
- [3] <u>A</u>
- [4] <u>B</u>_____
- [5] <u>B</u>
- [6] D
- [7] D
- [8] <u>C</u>
- [9] He should choose the account paying 5.2% compounded annually for 3 years.
- [10] 6% account: \$11,966.81; 8% account: \$12,653.19; 8% account yields about \$686.38 more.