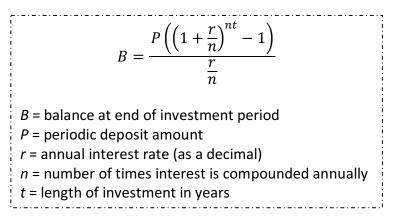
Unit 6 Practice

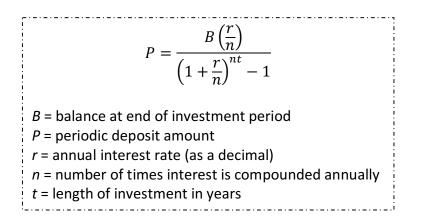
Name:

Date:

 Dana is 41 years old. She is planning on retiring in 23 years. She has opened an IRA with an APR of 3.4% compounded monthly. If she makes monthly deposits of \$300 to this account. Use the formula below to determine how much will she have in the account when she is ready to retire.

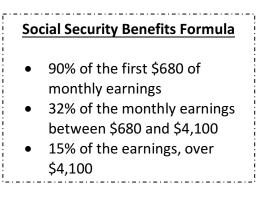


2) Vanessa is 41 years old and plans to open a retirement account. She wants to have \$450,000 in the account when she retires at age 66. Use the formula below to determine how much must she deposit each month into an account with an APR of 2.5% to reach her goal.



- 3) Jordan makes \$95,000 per year. The company allows employees to make contributions to the 401k to a maximum of 12% of their salary. The maximum allowable contribution to any 401k for his company is \$14,500.
 - a) What is 12% of Jordan's salary?
 - b) Using your answer from part a, what is the maximum amount that Jordan is allowed to contribute to his 401k?
- 4) In 2009, Shawn had two jobs. He earned \$63,400 working at Company A the first
 7 months. He switched jobs in August and began to work at Company B, where he earned
 \$71,500. Each of his employers took out the required 6.2% for Social Security.
 - a) How much did Company A take out for social security?
 - b) How much did Company B take out for social security?
 - c) What was the total amount of Social Security taken out of Shawn's earnings that year?
 - d) The maximum amount an individual should pay for Social Security taxes that year was \$6,621.60. How much Social Security tax did Shawn overpay?

- 5) Abby requests her annual Social Security statement from the Social Security Administration each year. She wants to check how many Social Security credits she received for 2009. She finds that to earn a credit it 2009, she needed to earn \$1,090. She worked part-time all year and earned \$300 per month.
 - a) How much money did she earn for the whole year?
 - b) How many credits did she earn that year?
- 6) Marie reached age 62 in 2007. Over her life, she earned an average of \$2,800 per month after her earnings were adjusted for inflation.
 - a) Use the formula below to determine her Social Security full retirement benefit.



b) If Marie retired at the age of 64. What will her monthly benefit be since she did not wait until age 67 to receive full retirement benefits?

Early Retirement Reductions	
Retirement Age	Reduction
62	30%
63	25%
64	20%
65	13.3%
66	6.7%

8) Evan has retired and is qualified to receive Medicare. If he continues to pay the current monthly premium of \$134, how much will he pay for the year?

9) Jonah is 40 years old. He wants to take out a 5-year level term insurance policy with a face value of \$250,000. The *monthly* premium is \$66. What will be Jack's total cost over the 5-year period?

10) Lyden has a universal life insurance policy with a face value of \$250,000. The current cash value of the policy is \$9,450. If the premium is \$82 per month, for how many months can the cash value be used to pay the premium?

- 11) The Big Brother Company sells a five-year term life insurance policy with face value of \$165,000 to Jacob for an annual premium of \$342.
 - a) How much does the company lose if Jacob dies within those 5 years?

b) What is the profit the company receives from selling this policy after those 5 years?