

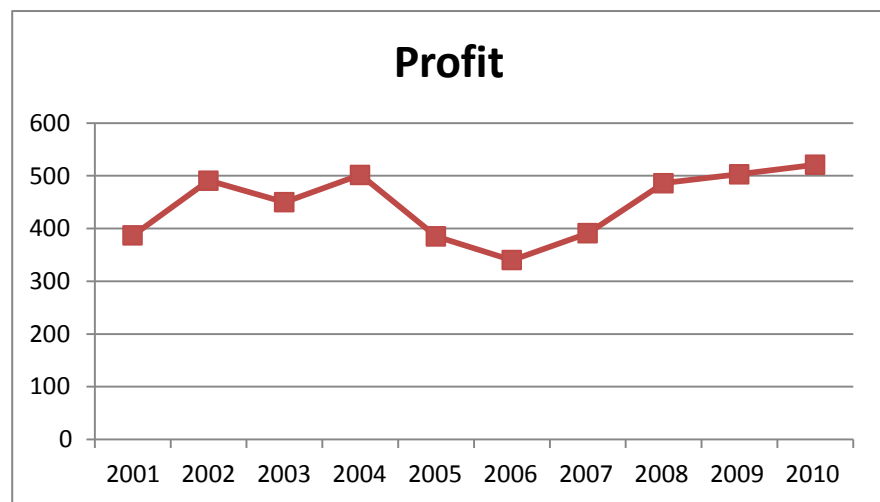
## Section 4.1 Exercises Part B

Find the following locations in the maps section of your Bible and Doctrine and Covenants using the Index of Place-Names (Gazeteer in older editions).

1. Thessalonica
2. Ur
3. Mt. Nebo
4. Kidron Brook
5. Nineveh
6. Fayette, New York

Based on the chart:

7. In what years did the company make about \$400?
8. How much did the company make in 2002?
9. What year did the company make less than \$375?



10. Chart the following table of growth of a savings account:

# of years	0	1	2	3	4	5	6	7	8
Amount	238	301	314	325	394	420	447	439	480

11. As a group, use a spreadsheet to make a table of the growth of a savings account for 20 years that begins with \$200 and receives a \$25 deposit each month and grows at 6%. The table should show the yearly values at the end of each year.

12. As a group, use the spreadsheet to make a graph of the 20-year table.

13. How much money was paid into the savings account over the 20 years? How much interest was earned?

Graph the following points on a Cartesian coordinate system.

- |             |            |            |
|-------------|------------|------------|
| 14. (5,1)   | 15. (3,-7) | 16. (0,-1) |
| 17. (-12,4) | 18. (1,1)  | 19. (-5,0) |

Answers:

1. On maps

2. On maps

3. On maps

4. On maps

5. On maps

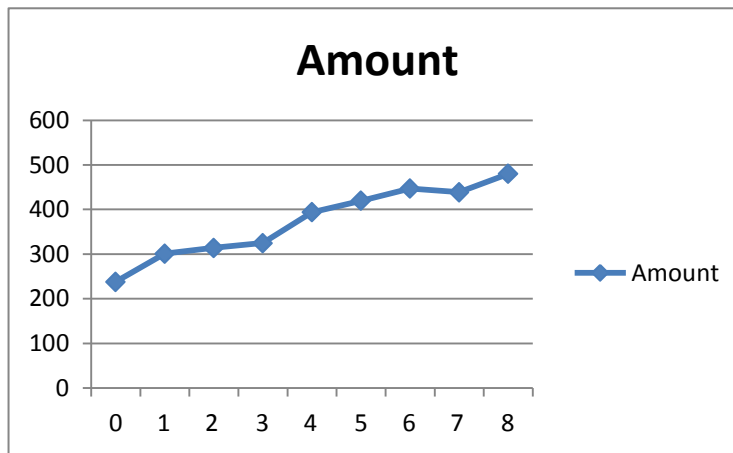
6. On maps

7. 2001, 2005, 2007

8. About \$500

9. 2006

10.

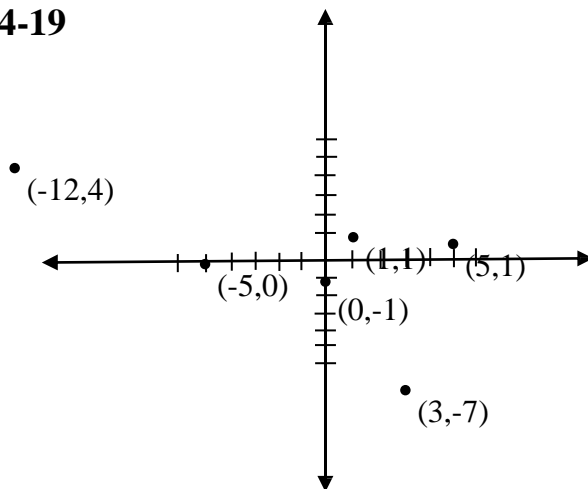


11. Answer on next page . . .

12. Answer on next page . . .

13. \$6200, \$6013.06

14-19



Answer to #11:

t	r	n	P	PMT	rate	nper	Amount
1	0.06	12	-200	-25	0.005	12	\$520.72
2	0.06	12	-200	-25	0.005	24	\$861.23
3	0.06	12	-200	-25	0.005	36	\$1,222.74
4	0.06	12	-200	-25	0.005	48	\$1,606.54
5	0.06	12	-200	-25	0.005	60	\$2,014.02
6	0.06	12	-200	-25	0.005	72	\$2,446.63
7	0.06	12	-200	-25	0.005	84	\$2,905.92
8	0.06	12	-200	-25	0.005	96	\$3,393.54
9	0.06	12	-200	-25	0.005	108	\$3,911.24
10	0.06	12	-200	-25	0.005	120	\$4,460.86
11	0.06	12	-200	-25	0.005	132	\$5,044.39
12	0.06	12	-200	-25	0.005	144	\$5,663.90
13	0.06	12	-200	-25	0.005	156	\$6,321.63
14	0.06	12	-200	-25	0.005	168	\$7,019.92
15	0.06	12	-200	-25	0.005	180	\$7,761.29
16	0.06	12	-200	-25	0.005	192	\$8,548.37
17	0.06	12	-200	-25	0.005	204	\$9,384.01
18	0.06	12	-200	-25	0.005	216	\$10,271.18
19	0.06	12	-200	-25	0.005	228	\$11,213.08
20	0.06	12	-200	-25	0.005	240	\$12,213.06

Answer to #12:

