

Compound Interest

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Name _____

Date _____ Period _____

Find the total value of the investment after the time given.

1) \$52,800 at 4.4% compounded
monthly for 2 years

2) \$16,000 at 3.7% compounded
monthly for 4 years

3) \$1,370 at 15.6% compounded
quarterly for 4 years

4) \$1,750 at 9.1% compounded
annually for 2 years

5) \$1,770 at 4% compounded
monthly for 10 years

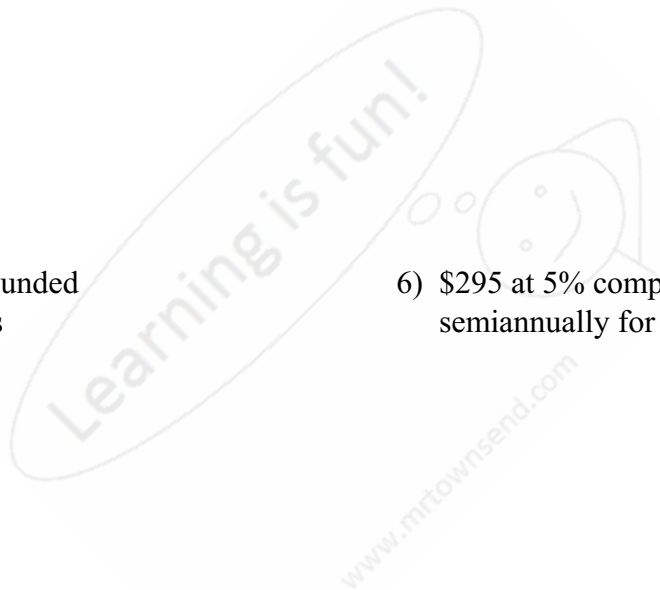
6) \$295 at 5% compounded
semiannually for 1 year

7) \$26,400 at 12.7% compounded
quarterly for 6 years

8) \$250 at 12.4% compounded
monthly for 2 years

9) \$55,900 at 14% compounded
semiannually for 5 years

10) \$690 at 6.4% compounded
semiannually for 2 years



11) \$255 at 3.5% compounded
semiannually for 2 years

12) \$42,000 at 13.9% compounded
quarterly for 7 years

13) \$245 at 14.5% compounded
monthly for 2 years

14) \$6,000 at 14.5% compounded
annually for 8 years

15) \$560 at 5.8% compounded
annually for 3 years

16) \$49,500 at 8.2% compounded
quarterly for 2 years

17) \$22,000 at 14.7% compounded
semiannually for 10 years

18) \$375 at 11.5% compounded
annually for 2 years

19) \$59,000 at 4% compounded
quarterly for 1 year

20) \$1,660 at 5% compounded
quarterly for 2 years

Answers to Compound Interest

- | | | | |
|-----------------|-----------------|-----------------|------------------|
| 1) \$57,647.69 | 2) \$18,547.98 | 3) \$2,526.79 | 4) \$2,082.99 |
| 5) \$2,638.77 | 6) \$309.93 | 7) \$55,897.37 | 8) \$319.96 |
| 9) \$109,963.76 | 10) \$782.65 | 11) \$273.32 | 12) \$109,305.36 |
| 13) \$326.86 | 14) \$17,725.36 | 15) \$663.20 | 16) \$58,224.97 |
| 17) \$90,879.02 | 18) \$466.21 | 19) \$61,395.64 | 20) \$1,833.45 |

