Simple and compound interest

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

1) $17,000 at 11.3% compounded daily for 2 years

2) $420 at 5.1% compounded daily for $\frac{237}{365}$ years

3) $37,000 at 5.4% compounded monthly for 1 year

4) $48,200 at 11.2% compounded daily for $6\frac{12}{73}$ years

5) $6,200 at 14% compounded daily for $\frac{63}{365}$ years

6) $1,100 at 13% compounded daily for $1\frac{279}{365}$ years

7) $55,900 at 12.2% compounded daily for $1\frac{131}{365}$ years

8) $14,000 at 2.4% compounded monthly for $7\frac{1}{3}$ years

9) $8,800 at 7.7% compounded monthly for 6 years

10) $3,600 at 13.2% compounded monthly for 5 years

11) $21,700 at 3.4% compounded daily for $\frac{273}{365}$ years

12) $16,500 at 8.7% compounded monthly for $8\frac{2}{3}$ years

13) $11,400 at 14.1% compounded daily for $2\frac{184}{365}$ years

14) $29,400 at 4.4% compounded daily for $\frac{27}{73}$ years

15) $24,200 at 7% compounded monthly for $1\frac{11}{12}$ years

16) $1,870 at 5.9% compounded monthly for $6\frac{5}{12}$ years

17) $1,420 at 6% compounded daily for $2\frac{108}{365}$ years

18) $35,000 at 14.5% compounded monthly for $8\frac{5}{6}$ years

19) $365 at 6.1% compounded daily for 5 years

20) $960 at 6.2% compounded monthly for $4\frac{1}{12}$ years

21) $510 at 6.3% compounded daily for $2\frac{6}{73}$ years

22) $35 at 15% compounded monthly for 7 years

23) $52,000 at 7.4% compounded monthly for $1\frac{2}{3}$ years

24) $50 at 6.4% compounded monthly for 4 years

25) $13,000 at 1.5% compounded monthly for 2 years

26) $57,000 at 6.1% compounded daily for 2 years

27) $1,910 at 16% compounded monthly for 2 years

28) $1,100 at 6.7% compounded monthly for $\frac{1}{3}$ years

29) $490 at 6.8% compounded monthly for $4\frac{7}{12}$ years

30) $30,000 at 9.6% compounded monthly for $7\frac{1}{3}$ years

Answers to Simple and compound interest

1) $21,310.04
2) $434.14
3) $39,048.20
4) $96,126.41
5) $6,351.61
6) $1,383.53
7) $65,978.11
8) $16,691.20
9) $13,947.16
10) $6,940.20
11) $22,258.88
12) $34,975.24
13) $16,226.16
14) $29,882.34
15) $27,663.93
16) $2,728.07
17) $1,629.70
18) $125,023.89
19) $495.16
20) $1,235.77
21) $581.48
22) $99.37
23) $58,803.32
24) $64.54
25) $13,395.66
26) $64,395.33
27) $2,624.76
28) $1,124.77
29) $668.60
30) $60,485.06