

## Savings

A. Find the simple interest on the following:

1. \$1800 at 12% for 2 years
2. \$850 at 16% for 6 months
3. \$1500 at  $17\frac{1}{4}\%$  for 1 year
4. \$2500 at  $16\frac{1}{4}\%$  for 73 days
5. \$1090 at 13% for 292 days
6. \$698 at 17% for  $2\frac{1}{2}$  years
7. \$780 at 16% for 93 days
8. \$4800 at  $18\frac{1}{2}\%$  for 3 years
9. \$56 at  $22\frac{3}{4}\%$  for 1 year, 73 days
10. \$916 at  $21\frac{1}{4}\%$  for 1.5 years

B. Find the rate correct to 2 decimal places

1. \$20 is earned on \$72 in 2 years
2. \$70 is earned on \$380 in 1 year
3. \$345 is earned on \$1500 in 1.5 years
4. \$102 is earned on \$850 in 219 days
5. \$82 is earned on \$3800 in 3.5 years
6. \$75 is earned on \$90 in 5 years
7. \$2095 is earned on \$3800 in 3.5 years
8. \$155 is earned on \$398.40 in 2.5 years
9. \$3.60 is earned on \$42.50 in 146 days
10. \$14 is earned on \$678.52 in 38 days

C. Find the time in years

1. \$268.80 is earned on \$4200 at 16%
2. \$485.78 is earned on \$3500 at 17%
3. \$75 is earned on \$2000 at  $18\frac{3}{4}\%$
4. \$45.50 is earned on \$650 at  $17\frac{1}{2}\%$
5. \$2.28 is earned on \$52 at 13%
6. \$125.63 is earned on \$1250 at  $16\frac{3}{4}\%$
7. \$9.40 is earned on \$650 at 16%
8. \$535.15 is earned on \$1300 at 18%
9. \$3.90 is earned on \$72.50 at  $19\frac{1}{4}\%$
10. \$58.25 is earned on \$486.50 at 19%

D. Find the principal

1. \$25 interest at 17% in 2 years
2. \$95.06 interest at  $17\frac{3}{4}\%$  in 1.5 years
3. \$357 interest at 21% in 6 months
4. \$228.42 interest at  $16\frac{3}{4}\%$  in 4 years
5. \$16.84 interest at  $17\frac{1}{2}\%$  in 73 days
6. \$14.18 interest at  $12\frac{1}{2}\%$  in 30 days
7. \$485.63 interest at 18.5% in 3.5 years
8. \$600 interest at  $15\frac{1}{4}\%$  in 219 days
9. \$1.42 interest at  $20\frac{1}{2}\%$  in 58 days
10. \$1.72 interest at  $17\frac{3}{4}\%$  in 63 days