7. 6 cents a day at 6% per annum. 365
8. \$450.66 in 3 yrs. 6 mos. at 6%. 2146

Find the principal which will amount to:—

9. \$5292 in 2 years at 4 per cent. 4900
10. \$267 in $2\frac{1}{4}$ years at 5 per cent.
11. \$556.25 in 2 yrs. 3 mos. at 5 per cent. 500
12. \$364.68$\frac{3}{4}$ in 5 yrs. 9 mos. at $3\frac{3}{4}$ per cent. 300
13. \$221.07 in 3 yrs. 4 mos. at 7 per cent.
14. \$286 in 3 yrs. 4 mos. at 9 per cent. 220
15. \$748.12$\frac{1}{2}$ in 3 yrs. 6 mos. at 4 per cent.
16. \$287.50 in 2 yrs. 6 mos. at 6 per cent. 250

PROBLEMS IN INTEREST.

1. Find the amount of \$140.62$\frac{1}{2}$ for 6 years 73 days at 4 per cent. 175.50

2. In what time will \$1263 double itself at $4\frac{1}{2}$ per cent. yearly? $22\frac{2}{9}$ yrs

3. At $\frac{3}{8}$ per cent. monthly, find the simple interest on \$25 for 1 year 11 months.

4. In what time will \$370 gain \$123.33$\frac{1}{3}$ at $3\frac{1}{3}$ per cent. per annum? 10 yrs

5. Find the amount of interest to be paid on \$200 for 11 mos., \$250 for 9 mos., and \$300 for 6 mos., at 5%.

6. At what rate per cent. will \$70.95$\frac{5}{6}$ amount to \$78.05$\frac{5}{12}$ in $3\frac{1}{3}$ years?

7. If the amount at the end of 4 months at $2\frac{1}{4}$% is \$322.40, what was the principal? 320

8. If the total interest after 7 years at 4 per cent. is \$31.26$\frac{2}{3}$, what was the principal? $111.66\frac{2}{3}$

9. In how many years will the interest on \$690 become \$87.97$\frac{1}{2}$ at 3 per cent.?

10. A professorship was founded with a salary of \$1250 a yr.; what sum was invested at 6% to produce it?