8. What is the interest of $120 for 8 years, at 5 per cent.?

9. What is the interest of $100 for 10 years, at 6 per cent.?

10. What is the interest of $140 for 12 years, at 5 per cent.?

11. What is the interest of $150 for 5 years, at 3 per cent.?

12. What is the interest of $145 for 6 years, at 5 per cent.?

13. What is the interest of $200 for 10 years, at 8 per cent.?

14. What is the interest of $250 for 3 years, at 8 per cent.?

15. What is the interest of $220 for 11 years, at 10 per cent.?

16. What is the interest of $500 for 9 years, at 8 per cent.?

17. What is the interest of $250 for 12 years, at 6 per cent.?

18. What is the interest of $500 for 8 years, at 12 per cent.?

19. What is the interest of $200 for 9 years, at 3 per cent.?

20. What is the interest of $405 for 10 years, at 8 per cent.?

21. What is the interest of $50 for 2 years and 2 months, at 6 per cent. ?

SOLUTION.—2 months is $\frac{1}{6}$ of a year. $2\frac{1}{6}$ years equals $\frac{13}{6}$ years, If the interest of $1 for 1 year is 6 cents, for $\frac{13}{6}$ years it is $\frac{13}{6}$ times 6 cents, or 13 cents. Therefore, $\frac{13}{100}$ of the principal equals the interest. $\frac{13}{100}$ of $50 is $\frac{13}{2}$, or $6.50, the interest.

22. What is the interest of $25 for 4 years and 3 months, at 4 per cent. ?

23. What is the interest of $80 for 5 years and 5 months, at 6 per cent. ?