24. What is the interest of \$60 for 8 years and 6 months, at 6 per cent.?

25. What is the interest of \$240 for 3 years and 9 months, at 6 per cent.?

26. What is the interest of \$75 for 4 years and 8 months, at 9 per cent.?

27. What is the interest of \$50 for 2 years and 9 months, at 6 per cent.?

28. What is the interest of \$80 for 12 years and 10 months, at 6 per cent.?

29. What is the interest of \$69 for 8 years and 4 months, at 2 per cent.?

30. What is the interest of \$60 for 4 years and 8 months, at 3 per cent.?

31. What is the interest of \$600 for 2 years 4 months and 15 days, at 4 per cent.?

SOLUTION.—15 days is $\frac{1}{2}$ of a month. $4\frac{1}{2}$ months equals $\frac{9}{2}$ months. $\frac{9}{2}$ months equals $\frac{9}{24}$, or $\frac{3}{8}$ of a year. $2\frac{3}{8}$ years equal $\frac{19}{8}$ years. If the interest of \$1 for 1 year is 4 cents, for $\frac{19}{8}$ year it is $\frac{19}{8}$ times 4 cents, or $\frac{19}{2}$ cents. Therefore, $\frac{19}{200}$ of the principal equals the interest. $\frac{19}{200}$ of \$600 is \$57, the interest.

32. What is the interest of \$300 for 5 years 9 months and 18 days, at 5 per cent.?

33. What is the interest of \$550 for 4 years 7 months and 6 days, at 10 per cent.?

34. What is the interest of \$500 for 1 year 7 months and 18 days, at 6 per cent.?

35. What is the interest of \$250 for 3 years 7 months and 6 days, at 4 per cent.?

36. What is the interest of \$250 for 3 years 3 months and 6 days, at 6 per cent.?

37. What is the interest of \$50 for 6 years 4 months and 24 days, at 5 per cent.?

38. What is the interest of \$75 for 2 years 11 months and 6 days, at 15 per cent.?

39. What is the interest of \$150 for 2 years 10 months and 12 days, at 15 per cent.?