11. At what per cent., will $600 in 2 years 4 months and 15 days, give $57 interest?

Lesson XI.

1. At what per cent., will $10 in 4 years, amount to $12?

REMARK.—From the amount substract the principal, and the remainder will be the interest. Then proceed as in the preceding lesson.

2. At what per cent., will $12 in 3 years, amount to $13.44?

3. At what per cent., will $20 in 6 years, amount to $26?

4. At what per cent., will $24 in 10 years, amount to $36?

5. At what per cent., will $30 in 7 years, amount to $36.30?

6. At what per cent., will $50 in 10 years, amount to $75?

7. At what per cent., will $36 in 5 years, amount to $39.60?

8. At what per cent., will a given principal double itself, in 20 years?

SOLUTION.—A given principal will double itself in 1 year, at 100 per cent.; and in 20 years, at $\frac{1}{20}$ of 100 per cent, or 5 per cent.

9. At what per cent., will a given principal double itself, in 4 years?

10. At what per cent., will a given principal double itself, in 8 years?

11. At what per cent., will a given principal double itself, in 5 years?

12. At what per cent., will $80 in 7 years give $80 interest?