5. 15%.   **6.** $72.   **7.** $5.60.   **8.** (a) Have the students found the cost of a set of the books mentioned and then found the cost of two dozen sets? $154.56. (b) Each must be marked at its list price.   (c) $1.92, $1.44, $2.10, $1.80 and $2.40. **9.** (a) $7.50.   (b) $2.70.   **10.** (a) $2160.   (b) $688. **11.** 70%, $2.40.   **12.** (a) $720. (b) $1521. (c) $1400. (d) $648. (e) $749. (f) 847.22+.   **13.** (a) 44%. (b) 44%. (c) $33\frac{1}{3}$%. (d) 50%.   **14.** (a) 58%. (b) $53\frac{1}{3}$%.   **15.** $178.50.   **16.** $576, 100%.   **17.** $340, $35\frac{5}{12}$%.   **18.** $66\frac{3}{4}$%,   100%.   **19.** 20%. **20.** The *worth* of a seeder here is the list-price, viz., $800. There is nothing, however, to prevent a pupil from taking the meaning that $800 was spent in buying seeders. The answers to the former questions are: $480 or 100%. The answers to the latter are: $800 and 100%. *Note.*—The word *each seeder* should have been *the seeders*. **21.** (a) 2% loss. (b) He sold at cost. **22.** $16\frac{3}{4}$%, 20% on cost is the same as $16\frac{3}{4}$% on the marked price. **23.** $\frac{1}{4}$.   **24.** (a) 20%. (b) $16\frac{3}{4}$%. (c) $14\frac{1}{7}$%. (d) $28\frac{4}{7}$%.   **25.** $27\frac{3}{11}$%.   **26.** 20%.   **27.** $16.

SIMPLE INTEREST

Exercise 25.—

1. (a) $31	(b) $66.60	(c) $.35
2. (a) $144	(b) $612.50	(c) $1010.88
3. (a) $525	(b) $967.20	(c) $327
4. (a) $18	(b) $59	(c) $138
5. (a) $14.80	(b) $30	(c) $210
6. (a) $160.53	(b) $307.68	(c) $129.19
7. (a) 3%	(b) $6\frac{1}{4}$%	(c) $4\frac{3}{4}$%
8. (a) 6%	(b) 6%	(c) 10%
9. (a) $520	(b) $1554.80	(c) $1938

10. (a) $\frac{3}{10}$. (b) $\frac{1}{5}$. (c) $\frac{3}{50}$. (d) $\frac{1}{4}$.   **11.** (a) 5%. (b) $5\frac{5}{9}$%. **12.** (a) 9 yr. (b) 7 yr.   **13.** (a) $\frac{1}{3}$. (b) $\frac{3}{4}$. (c) $\frac{18}{19}$. (d) $\frac{17}{19}$. **14.** (a) $\frac{1}{2}$. (b) $\frac{5}{7}$. (c) $\frac{1}{5}$. (d) $\frac{1}{5}$.   **15.** (a) $100. (b) $200. (c) $840.   (d) $920.   **16.** (a) $300. (b) $900. (c) $1750. (d) $2460.   **17.** Questions of this stamp are the only *real*