GRADED ARITHMETIC.

Miscellaneous Exercises.

1. A real estate broker sold half a section of land at \$8.50 an acre, and invested the proceeds in mining stock, after deducting his brokerage of $1\frac{1}{2}$ % for selling the land and $\frac{1}{2}$ % for buying the stock. What was his brokerage? How much did he invest in stock?

2. A Minneapolis grain dealer received \$3529.20 with which to purchase wheat at $80 \neq$ per bushel, after deducting his commission of 2%. How many bushels of wheat did he buy?

3. What will it cost to insure a building valued at \$160,000 for $\frac{3}{4}$ of its value at $\frac{3}{4}\%$, the policy costing \$1.50 ?

4. Timothy Eaton & Co. imported silks, velvets and plushes, to the amount of \$450,325 in 1891. If the rate of duty was 90%, how much duty was paid? If the same amount of goods had been brought into the country in 1791, when the rate of duty was $7\frac{1}{2}$ %, what would have been the difference in the charges ?

5. The taxes of a certain town in 1892 amounted to \$12,000. What was the cost of collecting them at $\frac{1}{2}\%$?

6. A merchant having invested \$15,000 in business, lost $33\frac{1}{3}\%$ of it the first year, but gained 45% of the remainder the second year. How much did he gain?

7. An agent sold \$2540 worth of furniture, and after deducting 5% for commission and 8% for freight and cartage, sent the remainder to the dealers. How much did they receive?

8. A carload of corn consisting of 8 tons cost \$240. To gain 20%, what shall I sell it for per bushel, counting 56 lb. to a bushel?

9. Mr. Brown paid \$91, including \$1 for policy, of \$5000 insurance on his house and \$4000 on his barn and stock. What was the rate of insurance?

10. Bought a farm for a certain sum, and after paying $1\frac{3}{4}$ % of the cost for repairs and improvements and a tax of $1\frac{1}{4}$ %, I sold it for \$12,840, which just made up what had been expended. What was its original cost?

11. For what sum must property valued at \$9000 be insured at $2\frac{1}{2}$ % to cover $\frac{2}{3}$ of its value, the premium, and the policy at \$2?