GRADED ARITHMETIC.

1. A note of \$300, dated January 1, due in 6 months without interest, is worth what March 1, money being worth 6%?

2. If a debt of \$1260 be paid 3 mo. 12 da. before it is due, what deduction should be allowed, current rate of interest 6%?

3. Bought a farm for \$2400, to be paid in 4 months, and sold it immediately for \$2500 cash. What did I gain, money being worth 6%?

4. I have two offers for a house, one of \$2000 cash, the other of \$2150, due in 8 months. Allowing money to be worth 8%, which is the better offer, and how much?

5. The general practice in paying notes before they are due is to deduct the interest from time of payment to maturity, thus paying more or less than the true value ?

6. A non-interest bearing note of \$800, dated January 1, due in 3 months, was paid March 1, by deducting the interest to maturity at 6%. What was paid? How much more or less than the real value of the note? If it had been an interest-bearing note, what sum would have been right to pay?

7. A note of \$680, due in 3 mo. 12 da., was sold at a discount of. 1% a month. What sum was received?

8. A merchant sold a bill of goods amounting to \$1200. By a rule of the mouse the buyer had 60 days to pay the bill. If he chose to pay cash, there would be deducted from the bill the interest for 60 days at 6%. What did he pay in cash? Did he pay more or less than he would have done if he had given his note? If the merchant should put at interest what he received, what would it amount to in 4 months, money being worth 6%?

9. Bought iron for \$600 on credit for 4 months. Discount of 2% for cash. What did I pay in cash?

10. The list price of some books is \$30. What is the net price at 25% off?

11. What is the net price of a bill of goods amounting to \$500 list, discount 10%?

12. A bill of goods invoiced at \$760.50 is sold on thirty days at 2% off for cash. What is the discount?

86