

## GRADED ARITHMETIC.

1. In the statement, 8% of \$200 is \$16, what is the base? rate per cent? percentage? amount? remainder? Define each term.
2. Give examples in which the base and rate per cent are given to find the percentage. Give the rule.
3. Give examples in which the base and percentage are given to find the rate per cent. Give the rule.
4. Give examples in which the percentage and rate per cent are given to find the base. Give the rule.
5. Define each of the following terms; commission; consignment; consignor; consignee; insurance; policy; premium; stock; dividend; certificate of stock; bond; coupon; tax; poll tax; real estate; personal property; principal; interest; bank; avails or proceeds; bank discount; promissory note; face of note; maker or drawer of note; payee; holder of note; compound interest.
6. In all applications of percentage show what classes of problems require the percentage to be found, the base and rate per cent being given.
7. Show what classes of problems require the rate per cent to be found, the base and percentage being given.
8. Show what classes of problems require the base to be found, the percentage and rate per cent being given.
9. Show what classes of problems require the base to be found, the amount or remainder and rate per cent being given.
10. Give and solve an example in assessment of taxes, and explain each step of the process. Give a rule for finding the rate of property tax; for finding each individual's tax.
11. Give two ways of computing simple interest.
12. Give rules for finding the balance due when partial payments have been made.
13. Give a problem in which it is required to find the average time for the payment of several sums of money due at different times.
14. Give a problem in which it is required to find the average time for the settlement of an account when there are both debit and credit items.