

## MISCELLANEOUS.

### Exercise XLIX.—ON THE SIMPLE RULES.

#### A.

- (1) Find the value of  $9087064 \times 89706 \div 336$ .
- (2) The product of two numbers is 1270374, and half of one of them is 3129. What is the other?
- (3) One-third of the divisor is 1226, and one-fourth of the quotient is 676, and one-fifth of the remainder is 343. Find the dividend.
- (4) How many times must 133 be added to 70 times 87 to give twenty-six thousand, one hundred and seventy-three?
- (5) By what number must 1999 be divided, that the quotient and the remainder may be the same as the quotient and the remainder in the division of 109 by 11?
- (6) The sum of 27 equal addends is 98642880. If one of the addends be divided by 10, 8 and 4 in succession, the result is 7 times what number?
- (7) Multiply 7648 by 687. Divide 6897996 by the factors of 63. Give the sum of these two results.
- (8) From seven hundred millions, six thousand and seventy-five, take six hundred and seventy-three millions, one hundred thousand and ninety-seven. Multiply the remainder by 97, and then divide the result by 897.
- (9) If five times the minuend is 3784875, and seven times the remainder is 356335. Find the product of the subtrahend and the remainder.
- (10) Multiply, using factors 766485 by 63.

#### B.

- (1) Multiply 83102254 by 7090.
- (2) Divide 83102254 by 19435.
- (3) Find 78 times the sum of 894967, 38739, 69297