## IMETIC.

900 each ; on the other he on the sale

to make it

a merchant

nd Byron's has Nor-

t one shall

ith \$60 in expenses B \$29.64, pay to C

vs, and B together

+ of the to C; he at first? nust be exactly

## EXAMINATION PAPERS IN ARITHMETIC.

## EXERCISE VIII.

1. Find the value of  $\frac{1}{12}$  of a farm, if  $\frac{1}{12}$  of it be worth \$4284.

∇ 2. The product of three numbers is 1943; the first number is 21, the second 54. What is the third?

3. Divide the sum of the two largest of the following by the difference between the two smallest:  $\frac{13}{12}, \frac{5}{12}, \frac{7}{12}, \frac{3}{12}$ .

4. Express  $\frac{3}{2}$  of  $1\frac{1}{20}$  of  $\frac{11}{2}$  as a fraction having 560 for its denominator.

5. I own 4<sup>#</sup> of a vessel, and sell 3<sup>#</sup> of my share; the part I have left is worth \$2970. Find the value of the whole vessel.

6. Find a fraction equal to 11 whose numerator is 44 less than its denominator.

7. If the multiplicand were 546 more it would be 769900; if the product were 718936 less it would be 1167581714 multiplied by 5. Find the multiplier.

8. What will 24 chests of tea cost, if each chest contain 41; pounds, and 7 lbs. be worth \$4.55?

9. The divisor is  $\frac{1}{5}$  of  $\frac{1}{5}$  +  $\frac{1}{5}$  of  $\frac{2}{5}$  of  $\frac{2}{5}$ , the quotient is  $\frac{1}{7}$  of  $\frac{2}{5}$  of  $\frac{1}{5}$  of  $\frac{1}{5}$  of  $\frac{1}{5}$ , the remainder is  $\frac{1}{7}$  +  $\frac{2}{5}$  What is the dividend?

10. If 393 bushels of wheat sow 18 acres, how many fields, each containing 15 acres, will 231 bushels sow?

11. Divide \$920 between A and B, giving A ‡ as much again as B.

12. Find the least common multiple of 153999, 252327 and 528513.

37