

EXAMINATION PAPERS IN ARITHMETIC.

6. What number increased by 784, and the result decreased by 4986 gives 75693?
7. The G. C. M. of three numbers is 29, and their L. C. M. is 11165; what are the numbers?
8. If 47 mules cost \$3666, how much must I sell 28 of them for to gain \$252 on those sold?
9. Find the largest number that will exactly divide 6768, 16544, 15134.
10. A grocer sells 2400 boxes of strawberries at the rate of 8 boxes for 48 cents, gaining \$24. How much did he pay for each box?
11. Divide \$1190 among A B and C so that A may get 3 times as much as B, and B 4 times as much as C.
12. Divide 79213845 by 462, using four factors. State how to find the correct remainder.

EXERCISE VI.

1. What is the total value of 4380 pounds of wheat and 3264 pounds of oats, the oats being worth 43 cents per bushel, and the wheat three times as much per bushel as the oats?
2. A and B are 4560 miles apart, and approach each other at the rate of 32 miles and 44 miles per day respectively. In how many days will they meet, and how many miles farther will B have travelled than A?
3. A clerk has a salary of \$1200 a year; he pays \$5 a week for board, and \$8 a month for other expenses. How much will he save in seven years?
4. Bought 42 calves for \$378, how much less per head should I have paid, if I had purchased 12 more calves with the same money?