

EXAMINATION PAPERS IN ARITHMETIC.

8. Divide \$7200 among A, B and C, so that A may have three times as much as B, and B twice as much as C.
9. A grain buyer bought 796 bushels of wheat at \$1.12 per bushel, and sold the whole for \$995. Find his gain on each bushel.
10. Find the largest number that will exactly divide 93992 and 186248.
11. The product of four numbers is 33066912; the first number is 24, the second is 29 more than the first, the third is 134 less than three times the sum of the first and second. Find the fourth number.
12. What is the smallest sum of money with which I can purchase horses at \$128 each, oxen at \$72 each, cows at \$48 each, or sheep at \$12 each?

EXERCISE IV.

1. By what number must the product of the sum and difference of 44865 and 40097 be divided to give 679696 as a quotient?
2. A drover bought a number of cows for \$5120; he sold a certain number of them at \$38 each, for \$2660, gaining \$420. Find the number he bought.
3. A ship sails 8844 miles in 67 days, how many miles will she sail in 49 days?
4. Brown had 57 cows, Boyd had 38 horses each sold his animals for \$2736, how much per head did Brown receive less than Boyd?
5. Divide \$1280 between two brothers, giving the elder \$148 more than the younger.