5. I sold a load of oats at 36 cents per bushel, and with three-fourths of the proceeds, purchased 162 pounds of sugar at 12 cents per pound; how many pounds of oats were in the load?

6. If $\frac{7}{15}$ of an acre produce 91 bushels of potatoes, what will $3\frac{5}{15}$ acres produce?

7. I gave $\frac{4}{7}$ of my money to A, $\frac{6}{13}$ of the remainder to B, $\frac{2}{17}$ of what then remained to C; I lost $70 and had still left $170. How much money had I at first?

8. I sold 288 bushels of wheat at $1.25 per bushel, and bought with the money an equal weight of barley at 72 cents per bushel. How much money had I left?

9. A grocer sold tea at 63 cents per pound and by so doing lost $\frac{3}{7}$ of the cost; he raised the price to 96 cents per pound. What will he gain on 48 lbs. at the latter price?

10. Find the least common multiple of 252, 378, 630 and 882.

11. Nine times the product of two numbers is 579625335; two thirds of the multiplier is 458. Find the multiplicand.

12. If 17 lbs. of cheese cost 2.29\frac{1}{2}$, how many boxes, each containing 60 lbs., can be bought for $218.70?

EXERCISE XI.

1. The sum of 39 equal numbers divided by 15 gives 1001; find one of the numbers.

2. Find a number such that if it be added twenty-nine times to thirty thousand and thirty the sum will be 43834.