

9. Four numbers multiplied together give 160679376; the first number is 54, the second is 24 greater than the first, the third is equal to the sum of the first and second. Find the fourth number.

10. The sum of two numbers is 432, the smaller number is 36. What is the difference between their product and quotient?

11. The dividend exceeds the quotient by 41819020, the quotient exceeds the remainder by 88944, the quotient is 89356. Find the divisor.

12. Find nine numbers, each greater than 219, whose sum is 2059?

EXERCISE VII.

1. A carpenter earns \$18 a week; his expenses are \$45 a month; how many years will it take him to pay for 72 acres of land worth \$44 per acre?

2. A man gave \$8470 for a number of horses; he sold a certain number of them at \$76 each for \$1900, gaining \$150; how many horses did he buy?

3. What must 76049 be multiplied by to give a product of 56884652?

4. Find the value of 4 piles of wood, each containing 13 cords, if 17 cords be worth \$85.

5. Find the least number that must be subtracted from 70861543 so that the remainder may be exactly divisible by 4509.

6. The product of three numbers is 20483064; the first number is 248, the second is 59 less than the first; what is the third?

7. How often can 874153 be taken from 6119071? Do this by subtraction.