

1. The average of five numbers is 16. Suppose 10 is added to the five numbers. What is the average of the six numbers?
2. Consecutive numbers are whole numbers that follow in order such as 3, 4, 5. Find the smallest of the five consecutive numbers whose sum is 100.
3. Patricia has \$12 more than Rhoda and \$15 more than Sarah. Together the three have \$87. How much does Patricia have?
4. There are many three-digit numbers that are divisible by 7 and also by 8 without remainder in each case. What is the largest of these three digit numbers.
5. When a certain number N is divided by 3, the result is the same as when N is decreased by 8. What is the number N ?

1. A package weight K kilograms, K being a whole number. To ship this package by express costs \$1.65 for the first 5 Kg and 12 cents for each additional Kg. the total shipping cost was \$3.45. How many Kg did the package weight?
2. The product of two numbers is 504 and each of the numbers is divisible by 6. However, neither of the two numbers is 6. What is the larger of the two numbers?
3. A jar contains a large number of pennies. The pennies can be divided into equal shares among 3, 4, 5, 6, 7, or 8 children with no pennies left over each time. What is the least number of pennies the jar could contain?
4. I spent $\frac{2}{3}$ of my money in store A. I spent $\frac{1}{3}$ of what remained in store B. When I left store B, I had \$4. How much money did I have when I entered store A?
5. When 24 is added to a number, the result is the same as when the number is multiplied by 3. What is the number?