

Simultaneous linear equations

- Q No. 1. In a school, there are 880 students in total. If there is 20% more boys than girls, find the number of boys and girls in the school.
- Q No. 2. Mr. Lenin invests some amount in deposit A and some amount in deposit B. The total money invested is \$2500. He gets 10% income on deposit A and 20% income on deposit B. If the total income earned be \$380, find the amount invested in A and B separately
- Q No. 3. The sum of two numbers is 209. If one number is 7 less than two times of the other, then find the two numbers.
- Q No. 4. The perimeter of the rectangle is 158 cm. If the length is 7 more than 3 times the width, find the area of the rectangle.
- Q No. 5. A trader gains one third of the cost price as profit on a product and one fourth of the cost price as profit on other product. Total profit earned on these two products is \$43. The sum of the cost prices of two products is \$150. Find the cost price of each product.