Systematic Method

1. Solve the equation x – 7 = 4 and check the result.

2. Solve the equation x – 4 = -3 and check the result.

3. Solve the equation x + 8 = -9 and check the result.

4. Solve the equation x + 3/4 = 5 and check the result.

5. Solve the equation x + 34 = 5 and check the result.

6. Solve for x:

   a. x + 60 = 90   b. $\dfrac{x}{5} = 24$ c. 18x = 72

7. A car travels at x km per hour.It is going from Yamuna Nagar to Haridwar. After the car has travelled 6 hours. Haridwar is still 25 km away. What is the distance from Yamuna Nagar to Haridwar? Express it using x.

8. A class with p students has planned a picnic ₹80 per student is collected, out of which ₹2,000 is paid in advance for transport. How much is left with them to spend on other items?