



STANDARD 6TH: CHAPTER 10

Equation

Q1. Find the value of x in following equation.

1) $2x + 7 = 13$

2) $x + 6 = 11$

3) $3x = 18$

4) $\frac{x}{5} + 3 = 10$

5) $2x + 5 = 13$

6) $\frac{3x}{7} = 9$

7) $\frac{x}{5} - 5 = 13$

8) $3x + 4 = 25$

9) $\frac{4x}{5} - 7 = 9$

10) $\frac{3}{5}x + 11 = 19$

11) $6x - 5 = 31$

Q. 2 Write the given information as an equation and find its solution.

i) Reva had some money. She bought a story book for ₹ 150. Now She had ₹ 450 with her. How much amount had she possessed before buying the book?

ii) The price of a pen is thrice the price of a pencil. If Smita bought a pen and a pencil and paid the shopkeeper ₹ 60. Find the price of a pen and pencil.

iii) If we add 22 to a number then we get 34. Find the number.

iv) The price of a dozen notebooks is ₹ 480. Find the price of one notebook.