

D-1

std-X (MATHS)

Solve the following quadratic equations using formula and give your answer correct to 2 decimal places :

1. $x^2 - 5x - 10 = 0$

2. $4x^2 - 5x - 3 = 0$

3. $x^2 - 10x + 6 = 0$

4. $3x^2 + 5x - 9 = 0$

5. $x^2 - 3x - 9 = 0$

6. $2x - \frac{1}{x} = 7$

7. Solve the quadratic equation $x^2 - 3(x+3) = 0$. Give your answer correct to two significant figures.

8. Solve the equation $5x^2 - 3x - 4 = 0$. Give your answer correct to 3 significant figures.

* Note : For finding square root, use table given on pages 573 and 574.