

Quadratic Equation

Type 1

Q.1

If $x^2 + 5x + 6 = 0$

Then find the value of X ?

- | | |
|-----------|------------|
| (A) 2, 3 | (B) -2, -3 |
| (C) -3, 2 | (D) 3, -2 |

Q.2

If $x^2 + 8x + 15 = 0$

Then find the value of X ?

- (A) 5, 3 (B) -5, -3
(C) -5, 3 (D) 5, -3

Q.3

If $x^2 - 8x + 15 = 0$

Then find the value of X ?

(A) 5, 3 (B) -5, -3

(C) -5, 3 (D) 5, -3

Type 2

Q.4

If $2x^2 + 8x + 8 = 0$

Then find the value of X ?

- | | |
|--------|--------|
| (A) 1 | (B) 2 |
| (C) -1 | (D) -2 |

Q.5

If $3x^2 + 8x + 5 = 0$

Then find the value of X ?

- (A) $-5/3, -1$ (B) $5/3, 1$
(C) $-3/5, -1$ (D) $3/5, 1$

Type 3

Q.6

If $42x^2 + 97x + 56 = 0$

Then find the value of X ?

- (A) $-7/6, -8/7$ (B) $7/6, 8/7$
(C) $-6/7, -7/8$ (D) $6/7, 7/8$

Q.7

If $24x^2 + 58x + 35 = 0$

Then find the value of X ?

- (A) $-4/5, -6/7$ (B) $4/5, 6/7$
(C) $-5/4, -7/6$ (D) $5/4, 7/6$

Type 4

Q.8

If $X^2 = 9$

$$Y = \sqrt{9}$$

Then find the relation between X & Y ?

- | | |
|-----------|---------------|
| (A) $X=Y$ | (B) $X>Y$ |
| (C) $X<Y$ | (D) $X\geq Y$ |

Type 5

Q.9

If $x^2 + x - 20 = 0$

$Y^2 - Y - 30 = 0$

Then find the relation between X & Y ?

- (A) $X=Y$ (B) $X>Y$
(C) $X<Y$ (D) C.N.D

Q.10

If $x^2 + x - 20 = 0$

$6Y^2 + Y - 1 = 0$

Then find the relation between X & Y ?

- (A) $X=Y$ (B) $X>Y$
(C) $X<Y$ (D) C.N.D

Q.11

If $12x^2 - 2x - 4 = 0$

$Y^2 - Y - 30 = 0$

Then find the relation between X & Y ?

- (A) $X=Y$ (B) $X>Y$
(C) $X<Y$ (D) C.N.D

Q.12

If $x^2 + 8x + 15 = 0$

$y^2 - 8y + 15 = 0$

Then find the relation between X & Y ?

- (A) $X=Y$ (B) $X>Y$
(C) $X<Y$ (D) C.N.D