Solutions – Sum & Product of Roots (A)

$3x^2 - 12x - 12 = 0$, find the sum and product of the roots.

Sum = 4 and Product = −4

$x^2 - x - 3 = 0$, find the sum and product of the roots.

Sum = 1 and Product = −3

$2x^2 - 12x + 12 = 0$, find the sum and product of the roots.

Sum = 6 and Product = 6

$2x^2 - 10x + 8 = 0$, find the sum and product of the roots.

Sum = 5 and Product = 4

$x^2 - 2x + 3 = 0$, find the sum and product of the roots.

Sum = 2 and Product = 3

$-3x^2 - 15x - 18 = 0$, find the sum and product of the roots.

Sum = −5 and Product = 6

Solutions – Sum & Product of Roots (B)

$-2x^2 - 2x + 6 = 0$, find the sum and product of the roots.

Sum = −1 and Product = −3

$-x^2 - 2x - 5 = 0$, find the sum and product of the roots.

Sum = −2 and Product = 5

$x^2 - 4x + 2 = 0$, find the sum and product of the roots.

Sum = 4 and Product = 2

$2x^2 + 2x - 10 = 0$, find the sum and product of the roots.

Sum = −1 and Product = –5

$3x^2 + 3x - 15 = 0$, find the sum and product of the roots.

Sum = −1 and Product = –5

$3x^2 - 18x - 9 = 0$, find the sum and product of the roots.

Sum = 6 and Product = −3

Solutions – Sum & Product of Roots (C)

$-3x^2 - 15x - 12 = 0$, find the sum and product of the roots.

Sum = −5 and Product = 4

$-3x^2 + 6x - 12 = 0$, find the sum and product of the roots.

Sum = 2 and Product = 4

$-3x^2 + 3x + 15 = 0$, find the sum and product of the roots.

Sum = 1 and Product = −5

$x^2 + 3x + 3 = 0$, find the sum and product of the roots.

Sum = −3 and Product = 3

$3x^2 + 9x + 3 = 0$, find the sum and product of the roots.

Sum = −3 and Product = 1

$-3x^2 - 15x - 6 = 0$, find the sum and product of the roots.

Sum = −5 and Product = 2

Solutions – Sum & Product of Roots (D)

$x^2 + 3x - 1 = 0$, find the sum and product of the roots.

Sum = −3 and Product = −1

$2x^2 - 10x + 10 = 0$, find the sum and product of the roots.

Sum = 5 and Product = 5

$-x^2 - 2x - 6 = 0$, find the sum and product of the roots.

Sum = −2 and Product = 6

$-2x^2 - 10x + 6 = 0$, find the sum and product of the roots.

Sum = −5 and Product = −3

$-2x^2 + 2x + 6 = 0$, find the sum and product of the roots.

Sum = 1 and Product = −3

$2x^2 - 12x = 0$, find the sum and product of the roots.

Sum = 6 and Product = 0

Solutions – Sum & Product of Roots (E)

$x^2 - x + 2 = 0$, find the sum and product of the roots.

Sum = 1 and Product = 2

$-x^2 + 2x - 3 = 0$, find the sum and product of the roots.

Sum = 2 and Product = 3

$x^2 + 2x + 1 = 0$, find the sum and product of the roots.

Sum = −2 and Product = 1

$x^2 + 5x + 2 = 0$, find the sum and product of the roots.

Sum = −5 and Product = 2

$-3x^2 - 9x + 6 = 0$, find the sum and product of the roots.

Sum = −3 and Product = −2

$x^2 - 4x + 1 = 0$, find the sum and product of the roots.

Sum = 4 and Product = 1

Solutions – Sum & Product of Roots (F)

$-x^2 + 6x = 0$, find the sum and product of the roots.

Sum = 6 and Product = 0

$2x^2 + 12x - 8 = 0$, find the sum and product of the roots.

Sum = −6 and Product = −4

$-3x^2 + 12x - 3 = 0$, find the sum and product of the roots.

Sum = 4 and Product = 1

$-3x^2 + 12x - 18 = 0$, find the sum and product of the roots.

Sum = 4 and Product = 6

$-2x^2 - 4x = 0$, find the sum and product of the roots.

Sum = −2 and Product = 0

$-2x^2 - 2x - 6 = 0$, find the sum and product of the roots.

Sum = −1 and Product = 3

Solutions – Sum & Product of Roots (G)

$-x^2 + x - 3 = 0$, find the sum and product of the roots.

Sum = 1 and Product = 3

$-x^2 + 4x + 2 = 0$, find the sum and product of the roots.

Sum = 4 and Product = −2

$2x^2 + 12x - 8 = 0$, find the sum and product of the roots.

Sum = −6 and Product = −4

$-x^2 + 2x = 0$, find the sum and product of the roots.

Sum = 2 and Product = 0

$-x^2 + 2x - 6 = 0$, find the sum and product of the roots.

Sum = 2 and Product = 6

$3x^2 - 3x - 3 = 0$, find the sum and product of the roots.

Sum = 1 and Product = −1

Solutions – Sum & Product of Roots (H)

$3x^2 + 9x + 6 = 0$, find the sum and product of the roots.

Sum = −3 and Product = 2

$-3x^2 + 12x + 6 = 0$, find the sum and product of the roots.

Sum = 4 and Product = −2

$-2x^2 + 4x − 4 = 0$, find the sum and product of the roots.

Sum = 2 and Product = 2

$-3x^2 − 12x + 3 = 0$, find the sum and product of the roots.

Sum = –4 and Product = −1

$2x^2 − 2x + 10 = 0$, find the sum and product of the roots.

Sum = 1 and Product = 5

$3x^2 + 18x + 6 = 0$, find the sum and product of the roots.

Sum = −6 and Product = 2

Solutions – Sum & Product of Roots (I)

$x^2 - 4x = 0$, find the sum and product of the roots.

Sum = 4 and Product = 0

$3x^2 - 15x + 15 = 0$, find the sum and product of the roots.

Sum = 5 and Product = 5

$-3x^2 - 9x - 9 = 0$, find the sum and product of the roots.

Sum = −3 and Product = 3

$2x^2 + 12x - 2 = 0$, find the sum and product of the roots.

Sum = −6 and Product = −1

$-x^2 - 6x - 2 = 0$, find the sum and product of the roots.

Sum = −6 and Product = 2

$-x^2 - x - 1 = 0$, find the sum and product of the roots.

Sum = −1 and Product = 1

Solutions – Sum & Product of Roots (J)

$x^2 + 5x - 4 = 0$, find the sum and product of the roots.

Sum = −5 and Product = −4

$-2x^2 + 2x - 10 = 0$, find the sum and product of the roots.

Sum = 1 and Product = 5

$x^2 - x + 5 = 0$, find the sum and product of the roots.

Sum = 1 and Product = 5

$-3x^2 - 6x - 12 = 0$, find the sum and product of the roots.

Sum = −2 and Product = 4

$-3x^2 + 15x + 18 = 0$, find the sum and product of the roots.

Sum = 5 and Product = −6

$3x^2 - 15x - 6 = 0$, find the sum and product of the roots.

Sum = 5 and Product = −2