Solutions – Substituting Numbers (A)

If $c = 11$, find $9c - 5$.

94

If $i = 6$, $j = 6$, find $4i + 6j - 9$.

51

If $b = 6$, $c = 0$, find $5b - c + 7$.

37

If $c = 12$, find $4c + 7$.

55

If $x = 5$, $y = -3$, find $2x^2 - 3y + 4$.

63

If $b = 4$, $c = 10$, find $b^2 + 2c^2 - 3$.

213

Solutions – Substituting Numbers (B)

If $a = 6$, $b = -4$, find $4a + 6b - 9$.

–9

If $x = 3$, $y = 0$, find $2x^2 - 3y + 4$.

22

If $a = 10$, $b = 4$, find $3a + 2b - 4$.

34

If $j = 0$, find $7j + 9$.

9

If $i = 10$, $j = -5$, find $2i^2 - 3j + 4$.

219

If $a = 7$, find $4a + 7$.

35

Solutions – Substituting Numbers (C)

If $b = 5$, $c = -5$, find $4b + 6c - 9$.

-19

If $c = 3$, find $4c + 7$.

19

If $x = 4$, $y = 10$, find $4x + 6y - 9$.

67

If $b = -5$, $c = 6$, find $2b^2 - 3c + 4$.

36

If $i = 3$, $j = 11$, find $i^2 + 2j^2 - 3$.

248

If $i = 11$, find $7i + 9$.

86

Solutions – Substituting Numbers (D)

If $j = -2$, find $4j + 7$.

-1

If $a = 3$, $b = 4$, find $3a^2 + 2b^2 - 5$.

54

If $i = 6$, $j = 5$, find $2i^2 - 3j + 4$.

61

If $b = 7$, $c = -1$, find $2b - 3c + 1$.

18

If $y = 3$, find $9y - 5$.

22

If $b = -3$, $c = 5$, find $5b - c + 7$.

-13

Solutions – Substituting Numbers (E)

If $x = -1$, $y = -1$, find $2x^2 - 3y + 4$.

9

If $a = -1$, $b = -1$, find $3a + 2b - 4$.

–9

If $x = 4$, $y = -2$, find $3x^2 + 2y^2 - 5$.

51

If $i = 10$, $j = 0$, find $3i + 2j - 4$.

26

If $j = 12$, find $5j - 12$.

48

If $c = 2$, find $5c - 12$.

–2

Solutions – Substituting Numbers (F)

If $b = -1$, $c = 0$, find $2b^2 - 3c + 4$.

6

If $x = 10$, $y = 5$, find $4x + 6y - 9$.

61

If $y = 12$, find $4y + 7$.

55

If $c = -1$, find $7c + 9$.

2

If $i = 8$, $j = 5$, find $i^2 + 2j^2 - 3$.

111

If $a = 3$, $b = 1$, find $5a - b + 7$.

21

Solutions – Substituting Numbers (G)

If $a = 9$, $b = -4$, find $2a - 3b + 1$.

31

If $i = 2$, $j = 12$, find $3i + 2j - 4$.

26

If $b = 4$, $c = 9$, find $3b^2 + 2c^2 - 5$.

205

If $b = -1$, find $5b - 12$.

–17

If $i = -4$, find $9i - 5$.

–41

If $i = -3$, $j = -5$, find $2i^2 - 3j + 4$.

37

Solutions – Substituting Numbers (H)

If $i = 7$, find $5i - 12$.

23

If $a = -2$, $b = -2$, find $5a - b + 7$.

-1

If $x = -2$, $y = 4$, find $3x^2 + 2y^2 - 5$.

39

If $b = 1$, find $5b - 12$.

-7

If $b = -2$, $c = 5$, find $b^2 + c^2 - 2bc$.

49

If $b = 0$, $c = 12$, find $3b + 2c - 4$.

20

Solutions – Substituting Numbers (I)

If $x = -4$, $y = 8$, find $2x^2 - 3y + 4$.

12

If $c = 2$, find $9c - 5$.

13

If $i = 0$, $j = 3$, find $i^2 + 2j^2 - 3$.

15

If $c = -4$, find $4c + 7$.

–9

If $x = 1$, $y = 5$, find $4x + 6y - 9$.

25

If $i = 3$, $j = 12$, find $2i - 3j + 1$.

–29

Solutions – Substituting Numbers (J)

If $i = 1$, $j = -3$, find $2i^2 - 3j + 4$.

15

If $b = 3$, $c = -4$, find $4b + 6c - 9$.

–21

If $b = 0$, $c = 1$, find $3b^2 + 2c^2 - 5$.

–3

If $a = 3$, find $7a + 9$.

30

If $x = 8$, $y = 12$, find $5x - y + 7$.

35

If $c = -3$, find $5c - 12$.

–27