Solutions – Substituting Numbers (A)

If $b = 7$, $c = 2$, find $3b + 2c - 4$.

21

If $y = -1$, $x = 7$, find $y^2 + 2x^2 - 3$.

96

If $c = -1$, $b = 1$, find $4c + 6b - 9$.

-7

If $b = 6$, find $7b + 9$.

51

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

39

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

23

Solutions – Substituting Numbers (B)

If $y = 11$, $b = -3$, find $4y + 6b - 9$.

17

If $y = -1$, $a = -5$, find $2y^2 - 3a + 4$.

21

If $b = -1$, $a = 12$, find $2b^2 - 3a + 4$.

–30

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

49

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

76

If $y = 6$, find $4y + 7$.

31

Solutions – Substituting Numbers (C)

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

76

If $x = 0$, $y = 10$, find $5x - y + 7$.

-3

If $x = 10$, $a = 7$, find $5x - a + 7$.

50

If $a = 5$, $x = -1$, find $2a^2 - 3x + 4$.

57

If $b = 1$, $y = 7$, find $b^2 + y^2 - 2by$.

36

If $a = -5$, find $4a + 7$.

-13

Solutions – Substituting Numbers (D)

If $x = 12$, $a = 12$, find $x^2 + 2a^2 - 3$.

429

If $a = 9$, find $5a - 12$.

33

If $a = -5$, $y = -1$, find $3a + 2y - 4$.

-21

If $x = 8$, find $9x - 5$.

67

If $a = 4$, $c = -1$, find $4a + 6c - 9$.

1

If $y = 9$, $c = -4$, find $y^2 + c^2 - 2yc$.

169

Solutions – Substituting Numbers (E)

If $c = 10$, find $9c - 5$.

85

If $x = 6$, $a = -1$, find $5x - a + 7$.

38

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

205

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

-7

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

-17

If $y = 8$, $x = -3$, find $3y^2 + 2x^2 - 5$.

205

Solutions – Substituting Numbers (F)

If $x = 2$, $a = 8$, find $3x^2 + 2a^2 - 5$.

135

If $a = 6$, find $4a + 7$.

31

If $c = 0$, $y = 1$, find $c^2 + y^2 - 2cy$.

1

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

13

If $a = -4$, $x = 5$, find $5a - x + 7$.

−18

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

−22

Solutions – Substituting Numbers (G)

If $x = 12$, $a = 9$, find $2x - 3a + 1$.

-2

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

30

If $a = 11$, $y = 1$, find $4a + 6y - 9$.

41

If $y = -3$, find $7y + 9$.

-12

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

-32

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

6

Solutions – Substituting Numbers (H)

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

-3

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

22

If $c = -2$, $b = 1$, find $c^2 + b^2 - 2cb$.

9

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

86

If $b = -2$, $y = 12$, find $4b + 6y - 9$.

55

If $a = 2$, $x = 6$, find $a^2 + x^2 - 2ax$.

16

Solutions – Substituting Numbers (I)

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

-41

If $c = 1$, $x = 8$, find $3c^2 + 2x^2 - 5$.

126

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

86

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

4

If $y = 8$, $x = -1$, find $3y + 2x - 4$.

18

If $a = 12$, $b = 9$, find $2a - 3b + 1$.

-2

Solutions – Substituting Numbers (J)

If $b = -3$, $c = 2$, find $4b + 6c - 9$.

-9

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

9

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

31

If $c = 9$, $b = 2$, find $c^2 + b^2 - 2cb$.

49

If $x = -3$, find $4x + 7$.

-5

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

31