EduSahara™ Assignment

Name : Value Computation

Chapter : Real Numbers

Grade : SSC Grade IX

License : Non Commercial Use

If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

1. the value of $\frac{(-3\sqrt{7})}{(-9\sqrt{7})} =$

(i) 8.333 (ii) 2.333 (iii) 1.333 (iv) 7.333 (v) 0.333

If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

2. the value of $\frac{(6\sqrt{7}-8\sqrt{5})}{(2\sqrt{5}+3\sqrt{4})} =$

(i) 0.808 (ii) 1.808 (iii) -0.192 (iv) 7.808 (v) 6.808

If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

3. the value of $(-9\sqrt{6}) =$

(i) -14.045 (ii) -22.045 (iii) -15.045 (iv) -11.045

If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

4. the value of $(-6\sqrt{5}-5\sqrt{10}) =$

(i) -22.228 (ii) -29.228 (iii) -21.228 (iv) -18.228

If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

5. the value of $(-3\sqrt{9}-9\sqrt{3}-2\sqrt{5}) =$

(i) -29.061 (ii) -21.061 (iii) -18.061 (iv) -22.061

If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

6. the value of $2\sqrt{128} =$

(i) 24.627 (ii) 21.627 (iii) 20.627 (iv) 22.627 (v) 23.627

7. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $(12\sqrt{108} + 16\sqrt{600}) =$

(i) 514.626 (ii) 517.626 (iii) 518.626 (iv) 515.626 (v) 516.626

---

8. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $(16\sqrt{120} + 11\sqrt{192} + 9\sqrt{540}) =$

(i) 536.833 (ii) 535.833 (iii) 534.833 (iv) 538.833 (v) 537.833

---

9. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $\dfrac{(-4\sqrt{4})}{9\sqrt{2}} =$

(i) -0.629 (ii) 6.371 (iii) 1.371 (iv) 0.371 (v) 7.371

---

10. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $\dfrac{(7\sqrt{3} - 3\sqrt{6})}{(2\sqrt{10} - \sqrt{3})} =$

(i) 9.04 (ii) 0.04 (iii) 1.04 (iv) 3.04 (v) 2.04

---

11. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $\sqrt{9} =$

(i) 2 (ii) 4 (iii) 5 (iv) 3 (v) 1

---

12. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $(-7\sqrt{7} + 3\sqrt{3}) =$

(i) -6.324 (ii) -13.324 (iii) -2.324 (iv) -5.324

---

13. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $(4\sqrt{10} - 3\sqrt{7} - 5\sqrt{4}) =$

(i) 2.712 (ii) 5.712 (iii) 1.712 (iv) -5.288

---

14. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$

the value of $20\sqrt{3000} =$

(i) 1097.445 (ii) 1096.445 (iii) 1093.445 (iv) 1094.445 (v) 1095.445

15. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$ the value of $(\sqrt{288} + 8\sqrt{240}) =$

(i) 140.906 (ii) 142.906 (iii) 141.906 (iv) 138.906 (v) 139.906

16. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$ the value of $(4\sqrt{672} + 17\sqrt{504} + 19\sqrt{630}) =$

(i) 960.237 (ii) 964.237 (iii) 962.237 (iv) 961.237 (v) 963.237

Assignment Key

1) (v)	2) (iii)	3) (ii)	4) (ii)	5) (i)	6) (iv)
7) (v)	8) (i)	9) (i)	10) (iii)	11) (iv)	12) (ii)
13) (iv)	14) (v)	15) (i)	16) (iii)		

Copyright © Small Systems Computing Pvt. Ltd.