EduSahara™ Learning Center Assignment

Grade : Class IX, SSC
Chapter : Real Numbers
Name : Value Computation

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

1. the value of $\frac{7\sqrt{8}}{(-8\sqrt{3})}$ =

(i) 0.571 (ii) 6.571 (iii) -1.429 (iv) 5.571

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

2. the value of $\frac{(-7\sqrt{3} - \sqrt{6})}{(-9\sqrt{3} + 9\sqrt{7})}$ =

(i) -1.772 (ii) 5.228 (iii) 0.228 (iv) 6.228

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

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

(i) -2.646 (ii) 5.354 (iii) 4.354 (iv) 8.354

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

4. the value of $(9\sqrt{6} - 9\sqrt{8})$ =

(i) 4.59 (ii) -3.41 (iii) 7.59 (iv) 3.59

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

the value of $(-6\sqrt{10} + 2\sqrt{5} + \sqrt{7}) =$

(i) -0.856 (ii) -3.856 (iii) -4.856 (iv) -11.856

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

6.

the value of $10\sqrt{126} =$

(i) 111.25 (ii) 113.25 (iii) 112.25 (iv) 110.25 (v) 114.25

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

7.

the value of $(17\sqrt{960} + 20\sqrt{126}) =$

(i) 751.225 (ii) 749.225 (iii) 752.225 (iv) 750.225 (v) 753.225

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

8.

the value of $(9\sqrt{720} + 18\sqrt{480} + 17\sqrt{392}) =$

(i) 973.438 (ii) 974.438 (iii) 970.438 (iv) 972.438 (v) 971.438

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9.

the value of $\dfrac{4\sqrt{5}}{(-3\sqrt{6})} =$

(i) 6.783 (ii) 0.783 (iii) -1.217 (iv) 5.783

10.

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

the value of $\dfrac{\quad}{(-4\sqrt{6} - 5\sqrt{9})} =$

$(3 \sqrt{2} + 6 \sqrt{3})$

(i) 0.306 (ii) -1.694 (iii) 5.306 (iv) 6.306

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

11.

the value of $4 \sqrt{6}$ =

(i) 11.798 (ii) 7.798 (iii) 8.798 (iv) 9.798 (v) 10.798

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

12.

the value of $(- 4 \sqrt{2} - 9 \sqrt{3})$ =

(i) -13.245 (ii) -21.245 (iii) -10.245 (iv) -14.245

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

13.

the value of $(- 3 \sqrt{7} - 2 \sqrt{9} - 8 \sqrt{8})$ =

(i) -29.565 (ii) -28.565 (iii) -36.565 (iv) -25.565

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

14.

the value of $13 \sqrt{240}$ =

(i) 200.395 (ii) 199.395 (iii) 203.395 (iv) 201.395 (v) 202.395

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

15.

the value of $(9 \sqrt{196} + 5 \sqrt{108})$ =

(i) 179.962 (ii) 175.962 (iii) 178.962 (iv) 176.962 (v) 177.962

16.

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

the value of $(2\sqrt{189} + 9\sqrt{324} + 8\sqrt{168}) =$

(i) 295.187 (ii) 292.187 (iii) 291.187 (iv) 293.187 (v) 294.187

Assignment Key

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