EduSahara™ Assignment

Name : Value Computation

Chapter : Real Numbers

Grade : SSC Grade IX

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

1. the value of $\frac{(-5\sqrt{2})}{(-6\sqrt{2})} =$

(i) 2.833 (ii) 0.833 (iii) 8.833 (iv) 7.833 (v) 1.833

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

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

(i) -0.42 (ii) 1.58 (iii) 7.58 (iv) 6.58 (v) 0.58

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

3. the value of $4\sqrt{5} =$

(i) 6.944 (ii) 9.944 (iii) 10.944 (iv) 7.944 (v) 8.944

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

4. the value of $(5\sqrt{6}-3\sqrt{9}) =$

(i) 1.247 (ii) 3.247 (iii) 2.247 (iv) 5.247 (v) 4.247

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

5. the value of $(-7\sqrt{10}-5\sqrt{6}-8\sqrt{9}) =$

(i) -47.383 (ii) -51.383 (iii) -58.383 (iv) -50.383

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

6. the value of $4\sqrt{140} =$

(i) 46.329 (ii) 45.329 (iii) 48.329 (iv) 49.329 (v) 47.329

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

the value of $(2\sqrt{441} + 3\sqrt{180}) =$

(i) 83.249 (ii) 82.249 (iii) 80.249 (iv) 81.249 (v) 84.249

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

the value of $(5\sqrt{160} + 6\sqrt{432} + 10\sqrt{504}) =$

(i) 414.453 (ii) 413.453 (iii) 410.453 (iv) 411.453 (v) 412.453

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

the value of $\dfrac{(-2\sqrt{3})}{8\sqrt{5}} =$

(i) 6.806 (ii) 0.806 (iii) -0.194 (iv) 1.806 (v) 7.806

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

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

(i) 4.057 (ii) 8.057 (iii) -2.943 (iv) 5.057

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

the value of $7\sqrt{9} =$

(i) 20 (ii) 22 (iii) 21 (iv) 19 (v) 23

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

the value of $(-6\sqrt{3} - 5\sqrt{7}) =$

(i) -12.621 (ii) -16.621 (iii) -15.621 (iv) -23.621

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

the value of $(10\sqrt{2} + 4\sqrt{5} - 6\sqrt{6}) =$

(i) 6.389 (ii) 9.389 (iii) 8.389 (iv) 7.389 (v) 10.389

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

the value of $16\sqrt{120} =$

(i) 175.271 (ii) 173.271 (iii) 176.271 (iv) 174.271 (v) 177.271

15. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$ the value of $(15\sqrt{720} + 4\sqrt{150}) =$

(i) 452.482 (ii) 453.482 (iii) 451.482 (iv) 449.482 (v) 450.482

16. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$ the value of $(19\sqrt{189} + 10\sqrt{288} + 4\sqrt{675}) =$

(i) 536.835 (ii) 532.835 (iii) 534.835 (iv) 535.835 (v) 533.835

Assignment Key

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