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

1. the value of $\frac{8\sqrt{6}}{7\sqrt{3}} =$

(i) 1.616 (ii) 0.616 (iii) 2.616 (iv) 3.616 (v) 9.616

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

2. the value of $\frac{(7\sqrt{4}+5\sqrt{7})}{(9\sqrt{6}+7\sqrt{8})} =$

(i) 8.651 (ii) 0.651 (iii) 1.651 (iv) 2.651 (v) 7.651

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

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

(i) -5.196 (ii) 5.804 (iii) 2.804 (iv) 1.804

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

4. the value of $(\sqrt{3}+7\sqrt{4}) =$

(i) 13.732 (ii) 15.732 (iii) 17.732 (iv) 14.732 (v) 16.732

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

5. the value of $(-9+6\sqrt{5}+3\sqrt{2}) =$

(i) 6.659 (ii) 9.659 (iii) 10.659 (iv) 7.659 (v) 8.659

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

6. the value of $16\sqrt{576} =$

(i) 386 (ii) 383 (iii) 384 (iv) 385 (v) 382

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

the value of $(2\sqrt{240} + 12\sqrt{243}) =$

(i) 218.045 (ii) 217.045 (iii) 220.045 (iv) 216.045 (v) 219.045

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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 $(6\sqrt{720} + 8\sqrt{441} + 16\sqrt{216}) =$

(i) 565.148 (ii) 563.148 (iii) 564.148 (iv) 562.148 (v) 566.148

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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 $\dfrac{5\sqrt{4}}{(-2\sqrt{3})} =$

(i) 8.113 (ii) 4.113 (iii) 5.113 (iv) -2.887

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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 $\dfrac{(\sqrt{5} - 9\sqrt{3})}{(-6 - 4\sqrt{6})} =$

(i) 8.845 (ii) 1.845 (iii) 0.845 (iv) 2.845 (v) 7.845

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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 $9\sqrt{5} =$

(i) 19.125 (ii) 21.125 (iii) 20.125 (iv) 22.125 (v) 18.125

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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 $(6\sqrt{3} + 7\sqrt{9}) =$

(i) 33.392 (ii) 32.392 (iii) 29.392 (iv) 31.392 (v) 30.392

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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 $(-2\sqrt{8} - 2 + 5\sqrt{6}) =$

(i) 2.591 (ii) 4.591 (iii) 5.591 (iv) 6.591 (v) 3.591

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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 $6\sqrt{672} =$

(i) 154.538 (ii) 155.538 (iii) 157.538 (iv) 156.538 (v) 153.538

15. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$ the value of $(14\sqrt{400} + 14\sqrt{120}) =$

(i) 435.362 (ii) 433.362 (iii) 432.362 (iv) 434.362 (v) 431.362

16. If $\sqrt{2} = 1.4142, \sqrt{3} = 1.7321, \sqrt{5} = 2.2361, \sqrt{7} = 2.6458,$ the value of $(168\sqrt{2} + 8\sqrt{360}) =$

(i) 387.377 (ii) 391.377 (iii) 390.377 (iv) 388.377 (v) 389.377

Assignment Key

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