



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

1. the value of $\frac{7\sqrt{9}}{(-4\sqrt{10})} =$

- (i) 0.34 (ii) -1.66 (iii) 6.34 (iv) 5.34

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2. the value of $\frac{(-3\sqrt{9}-8\sqrt{10})}{(8+5\sqrt{8})} =$

- (i) 6.451 (ii) 0.451 (iii) 5.451 (iv) -1.549

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3. the value of $2\sqrt{8} =$

- (i) 6.657 (ii) 4.657 (iii) 7.657 (iv) 3.657 (v) 5.657

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

- (i) -19.798 (ii) -11.798 (iii) -8.798 (iv) -12.798

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5. the value of $(7\sqrt{7}+2\sqrt{10}+7\sqrt{8}) =$

- (i) 46.644 (ii) 43.644 (iii) 42.644 (iv) 45.644 (v) 44.644

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6. the value of $14\sqrt{392} =$

- (i) 275.186 (ii) 277.186 (iii) 276.186 (iv) 279.186 (v) 278.186

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7.
the value of $(16\sqrt{540} + 3\sqrt{630}) =$
- (i) 448.106 (ii) 446.106 (iii) 445.106 (iv) 449.106 (v) 447.106

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8.
the value of $(16\sqrt{648} + \sqrt{630} + 6\sqrt{210}) =$
- (i) 518.342 (ii) 521.342 (iii) 520.342 (iv) 517.342 (v) 519.342

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9.
the value of $\frac{7\sqrt{6}}{5\sqrt{3}} =$
- (i) 3.98 (ii) 0.98 (iii) 9.98 (iv) 2.98 (v) 1.98

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10.
the value of $\frac{(3\sqrt{3} + 4\sqrt{8})}{(6\sqrt{6} + 8\sqrt{8})} =$
- (i) 1.442 (ii) 0.442 (iii) 7.442 (iv) 2.442 (v) 8.442

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11.
the value of $(-9\sqrt{7}) =$
- (i) -15.812 (ii) -16.812 (iii) -23.812 (iv) -12.812

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12.
the value of $(6\sqrt{3} + 3\sqrt{9}) =$
- (i) 18.392 (ii) 21.392 (iii) 17.392 (iv) 20.392 (v) 19.392

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13.
the value of $(7\sqrt{7} - \sqrt{6} - 6\sqrt{9}) =$
- (i) -1.929 (ii) 6.071 (iii) 5.071 (iv) 0.071

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14.
the value of $9\sqrt{128} =$
- (i) 101.823 (ii) 103.823 (iii) 102.823 (iv) 99.823 (v) 100.823

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15.

the value of $(5\sqrt{576} + 15\sqrt{216}) =$

- (i) 340.454 (ii) 338.454 (iii) 339.454 (iv) 341.454 (v) 342.454

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16.

the value of $(\sqrt{240} + 11\sqrt{108} + 6\sqrt{720}) =$

- (i) 289.804 (ii) 290.804 (iii) 292.804 (iv) 288.804 (v) 291.804

Assignment Key

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