

BODMAS

Direction: What value should come in place of the question mark (?) in the following question?

1. $\sqrt{676} + (2197)^{1/3} + (1.5 \times 28) = 322 \div 14 + x$
a.42 b.46 c.50 d.54 e.58
2. $36\% \text{ of } 750 + \sqrt[3]{49133} - (14 \times 15) = (x)^2 - 67$
a.9 b.12 c.15 d.18 e.19
3. $(18 \times 0.50)^2 + (90 \times 0.4)^{1/2} + (125 \times 0.20)^{1/2} = 2x$
a.34 b.38 c.42 d.46 e.48
4. $(18)^2 \div 12 \text{ of } 27 + \sqrt{49} + 12.5\% \text{ of } 384 = 8x$
a.7 b.10 c.15 d.37 e.25
5. $75\% \text{ of } (792 \div 18) \times 29 - (19)^2 = (199 + 269 + x)$
a.116 b.124 c.128 d.132 e.148
6. $(24^2 - 14^2) \div 19 + (38^2 - 22^2) \div x = (2.5 \times 32)$
a.17 b.18 c.14 d.15 e.16
7. $55\% \text{ of } 1880 + 32.25\% \text{ of } 800 = (11 \times x) + 75\% \text{ of } 960$
a.44 b.48 c.52 d.56 e.60
8. $961 + 897 - 1128 - 697 = (x)^2 - 1992$
a.45 b.42 c.38 d.35 e.23
9. $\sqrt[3]{(18^2 \div 12)} + \sqrt[3]{8 \times (9)^3} = 4x - \sqrt{961}$
a.17 b.19 c.11 d.13 e.15
10. $855 \div 19 + (\sqrt{576} \times 5) - 115\% \text{ of } 60 = 16x$
a.5 b.6 c.8 d.10 e.12
11. $28 \frac{4}{7} \% \text{ of } 581 - (1425 \div 95) \times 4 = (16)^2 - 3x$
a.60 b.55 c.50 d.45 e.40
12. $\sqrt{(18^2 + 35\% \text{ of } 280 + 25 \times 12)} \div 2 + (31)^2 = 5x^2$
a.13 b.14 c.15 d.16 e.17
13. $\sqrt{184 + \sqrt{135 + \sqrt{59 + \sqrt{484}}} = x$
a.2 b.6 c.10 d.14 e.18
14. $[(\sqrt{784} \times 42) \div \sqrt{196}] \times x = (18)^2 + (16 \times 6)$
a.4 b.3 c.7 d.6 e.5
15. $(15 \times 32) + \sqrt{529} + (6.29 + 4.89 + 5.82) = 13x$
a.40 b.25 c.65 d.85 e.91
16. $3/8 \text{ of } (2088 \div 9) + 5/6 \text{ of } (3564 \div 3) = (x)^2 + (59 \times 4)$
a.27 b.29 c.31 d.33 e.35
17. $484 \div 0.22 \times 0.16 - (3.5 \times 28) = 16.66\% \text{ of } 756 + 4x$
a.48 b.44 c.40 d.36 e.32
18. $(24 \text{ of } 38 \div 16) + (11)^3 = (55)^2 - (369 + 979 + x^2)$
a.14 b.15 c.16 d.17 e.18
19. $\sqrt{13.69} + \sqrt[3]{6.859} + \sqrt{0.0144} = x - \sqrt[3]{4.096}$
a.5.22 b.6.52 c.7.32 d.8.82 e.9.72
20. $(3 \frac{3}{7} \times 4 \frac{4}{6}) \div 0.25 + 15\% \text{ of } 720 = 8x - (11 \times 28)$
a.60 b.64 c.68 d.72 e.76

MISSING NUMBER SERIES

What will come in place of '?' in the following number series?

1. 189, 258, 372, 541, 775, ?
a.1084 b.1034 c.984 d.954 e.894
2. 12, 8, 12, 24, ?, 150
a.64 b.68 c.90 d.56 e.60
3. 61, ?, 1215, 1615, 1871, 1992
a.637 b.686 c.790 d.737 e.590
4. -96, -90.6, ?, -74.4, -63.6, -51
a.-81.6 b.-78.6 c.-87.2 d.-85.8 e.-83.4
5. ?, 798, 896, 992, 1084, 1168
a.709 b.729 c.749 d.758 e.702
6. -32, -16, -24, -60, ?, -945
a.-300 b.-270 c.-240 d.-210 e.-180
7. 193, 528, 608, 1313, 1445, ?
a.2126 b.2386 c.2546 d.2696 e.2736
8. 249, ?, 294, 375, 519, 744
a.275 b.278 c.268 d.262 e.258
9. 178, ?, 418, 634, 958, 1444
a.362 b.296 c.274 d.248 e.228
10. 1179, 1376, 1590, ?, 2037, 2273
a.1811 b.1851 c.1891 d.1711 e.1751

WRONG NUMBER SERIES

1. 561, 576.5, 596, 623, 649, 683.5
a.561 b.576.5 c.596 d.623 e.683.5
2. 82, 118.1, 158.3, 202.2, 250.6, 303.5
a.82 b.118.1 c.158.3 d.250.6 e.303.5
3. 408, 431, 473, 553, 695, 903
a.408 b.431 c.473 d.553 e.695
4. 197, 222, 297, 402, 567, 762
a.197 b.222 c.402 d.567 e.762
5. 769, 794, 978, 1644, 2869, 4894
a.794 b.978 c.1644 d.2869 e.4894
6. 721, 829, 1054, 1498, 2386, 4162
a.721 b.829 c.1498 d.2386 e.4162
7. 4, 10, 30, 75, 420, 1890
a.4 b.10 c.30 d.75 e.1890
8. 159, 313, 528, 969, 1545, 2445
a.313 b.528 c.969 d.1545 e.2445
9. 179, 215, 363, 683, 1259, 2159
a.179 b.215 c.363 d.1259 e.2159
10. 163, 256, 411, 628, 969, 1368
a.163 b.256 c.628 d.969 e.1368

BODMAS Ans Key

- 1. (e)
- 2. (b)
- 3. (d)
- 4. (a)
- 5. (c)
- 6. (e)
- 7. (c)
- 8. (a)
- 9. (d)
- 10. (b)
- 11. (c)
- 12. (b)
- 13. (d)
- 14. (e)
- 15. (a)
- 16. (b)
- 17. (e)
- 18. (d)
- 19. (c)
- 20. (a)

MISSING NUMBER SERIES Ans Key

- 1. (a)
- 2. (d)
- 3. (b)
- 4. (e)
- 5. (c)
- 6. (d)

- 7. (e)
- 8. (e)
- 9. (c)
- 10. (a)

WRONG NUMBER SERIES Ans Key

- 1. (d)
- 2. (c)
- 3. (e)
- 4. (a)
- 5. (b)
- 6. (b)
- 7. (d)
- 8. (a)
- 9. (c)
- 10. (e)