

BODMAS

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

- $(646 \div 38) + (15 \times 22) + (11)^2 = x\% \text{ of } 520 + 182$**
a. 54 b. 55 c. 56 d. 57 e. 58
- $(\sqrt{841} - 15\% \text{ of } 180)^3 + (13)^2 = x\% \text{ of } 84 + (4 \times 39)$**
a. 25 b. 30 c. 35 d. 40 e. 45
- $(4860 \div 36)\% \text{ of } 280 + (7)^3 = 7x + 56$**
a. 80 b. 85 c. 90 d. 95 e. 75
- $\sqrt{841} \text{ of } (1470 \div 35) = \sqrt{x} + (589 + 613)$**
a. 196 b. 225 c. 256 d. 289 e. 324
- $587 + 48\% \text{ of } 2500 - 78\% \text{ of } 1500 + 2^3 = 5x$**
a. 3 b. 2 c. 6 d. 5 e. 4
- $63 \div 2 \frac{5}{8} \div 4 \frac{4}{5} + (2.25 \times 8) = 207 \div x$**
a. 6 b. 7 c. 8 d. 9 e. 10
- $(88 \div 1.21) \times (264 \div 4.8) + 15^2 = (x)^2$**
a. 55 b. 65 c. 75 d. 35 e. 45
- $(\sqrt{676} + 15\% \text{ of } 80)\% \text{ of } 650 = 24\% \text{ of } 125 + 7x$**
a. 29 b. 30 c. 31 d. 32 e. 33
- $140\% \text{ of } (37.5\% \text{ of } 144 + 66.66\% \text{ of } 84) + (8)^3 = 9x$**
a. 74 b. 70 c. 66 d. 82 e. 78
- $62.5\% \text{ of } (25 \times 16) + 37.5\% \text{ of } (25 \times 8) = (129 + 193 + x)$**
a. 18 b. 33 c. 129 d. 13 e. 3
- $(24 \times \sqrt{1444}) - (32 \times \sqrt{256}) + (4)^4 = 16 \times x$**
a. 40 b. 41 c. 43 d. 44 e. 45
- $(1529 + 1460) \div 49 + (15.49 + 29.86 + 35.65) = x + 1092 \div 13$**
a. 46 b. 50 c. 54 d. 58 e. 60
- $14.28\% \text{ of } 28 \frac{4}{7}\% \text{ of } 8.33\% \text{ of } 8820 = (11)^2 + x$**
a. 81 b. 71 c. -71 d. -81 e. -91
- $33.33\% \text{ of } (38^2 - 7^3) - (200 \text{ of } 12 \div 15) = x$**
a. 207 b. 217 c. 187 d. 197 e. 227
- $4913 + 6398 - 4529 + 1213 - 6539 = x$**
a. 1156 b. 1256 c. 1456 d. 1496 e. 1556
- $48\% \text{ of } 37.5\% \text{ of } (\sqrt[5]{1024} \times 125) = (5)^3 - x$**
a. 35 b. 40 c. 45 d. 50 e. 30
- $\sqrt[3]{0.0017283} + \sqrt[3]{6.8593} + \sqrt{0.0841} = 10 - x$**
a. 8.69 b. 7.39 c. 7.69 d. 6.69 e. 8.39
- $\sqrt{120 \div 0.75} + (9)^3 + 945 \div 7 = 2x$**
a. 14 b. 16 c. 18 d. 20 e. 22
- $2 \frac{4}{8} + 3 \frac{5}{6} + 3 \frac{3}{4} = x + 4 \frac{1}{12}$**
a. 9 b. 8 c. 7 d. 6 e. 5
- $(1008 \div 7)^{1/2} + (1521 \div 9)^{1/2} = x - (8019 \div 11)^{1/3}$**
a. 38 b. 37 c. 36 d. 35 e. 34

MISSING NUMBER SERIES

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

- ?, 1560, 520, 1820, 455, 2047.5**
a.1040 b.520 c.390 d.624 e.780
- 1369, 1428, 1512, ?, 2755, 4914**
a.2041 b.1881 c.1821 d.1791 e.1751
- 185, 257, 327, 393, 453, ?**
a.515 b.525 c.485 d.495 e.505
- 368, 460, ?, 709, 870, 1058**
a.593 b.573 c.543 d.503 e.513
- 85536, 14256, 4752, 2376, ?, 1320**
a.1584 b.1284 c.1484 d.1784 e.1824
- 88, 279, 528, 843, ?, 1703**
a.1142 b.1332 c.1292 d.1232 e.1192
- ?, 480, 48, 720, 36, 900**
a.120 b.96 c.4800 d.2400 e.160
- 16, 6, 10, ?, 26, 55**
a.18 b.20 c.9 d.12 e.15
- 248, 331, 453, 624, 854, ?**
a.953 b.993 c.1053 d.1093 e.1153
- 293, 478, 700, 959, ?, 1588**
a.1255 b.1215 c.1155 d.1105 e.1315

WRONG NUMBER SERIES

- 98, 114, 150, 214, 296, 395**
a.98 b.114 c.214 d.296 e.395
- 219, 388, 597, 849, 1143, 1479**
a.219 b.388 c.597 d.1143 e.1479
- 195, 203.5, 213.7, 224.6, 239.2, 254.5**
a.203.5 b.213.7 c.224.6 d.239.2 e.254.5
- 1902, 1980, 2071, 2192, 2358, 2584**
a.1902 b.1980 c.2071 d.2358 e.2584
- 189, 193, 337, 821, 1845, 3607**
a.189 b.193 c.821 d.1845 e.3607
- 618, 593, 809, 760, 1273, 1191**
a.618 b.809 c.760 d.1273 e.1191
- 72, 88, 124, 260, 634, 1922**
a.72 b.88 c.260 d.634 e.1922
- 748, 649, 500, 311, 52, -247**
a.748 b.500 c.311 d.52 e.-247
- 129, 127, 133, 142, 169, 250**
a.129 b.127 c.133 d.142 e.250
- 259, 284, 312, 343, 375, 414**
a.414 b.284 c.312 d.343 e.375

BODMAS

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

MISSING NUMBER SERIES

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

WRONG NUMBER SERIES

1. (d)
2. (b)
3. (c)