

BODMAS

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

- $(48 \times 1.5) + 133.33\% \text{ of } (564 + 687) = \sqrt{144} \times x$
a.135 b.145 c.155 d.165 e.175
- $[(1485 + 555) \div 24 + 149] + (24)^2 = 9x$
a.75 b.80 c.85 d.90 e.95
- $(15 \times 12 \times x^3) \times 3 \div 18 - (12)^2 = 30\% \text{ of } 320$
a.2 b.3 c.4 d.5 e.6
- $(5\sqrt{5})^2 + (6\sqrt{4})^2 + (3\sqrt{25})^3 = (x)^2 + (14)^3$
a.28 b.29 c.30 d.31 e.32
- $(1008 \div \sqrt{784}) + (912 \div \sqrt{576}) = 2x - (864 \div \sqrt{729})$
a.51 b.49 c.57 d.55 e.53
- $6/19 \text{ of } (369 + 698 + 605) + (15)^2 = 7x + (64 \times 4)$
a.79 b.75 c.71 d.67 e.63
- $60\% \text{ of } (55^2 - 35^2) + 912 \div 24 = (111 \times 10) + x$
a.8 b.10 c.12 d.14 e.16
- $15 \times (x\% \text{ of } 280) - 850 = (369 - 1378 + 2049)$
a.30 b.35 c.40 d.45 e.50
- $(15^3 + x) \div 18 = \sqrt{1225} + 28\% \text{ of } 550$
a.9 b.27 c.45 d.63 e.81
- $14.28\% \text{ of } (369 + 659 + 708) = (2.5 \times 68) + (1.5 \times x)$
a.50 b.48 c.56 d.54 e.52
- $\sqrt[3]{12167} + \sqrt{784} + (11 \times 45) = 9x + 12.5\% \text{ of } 16.66\% \text{ of } 4176$
a.43 b.47 c.51 d.55 e.59
- $(\sqrt{1024} \times \sqrt[3]{729}) + (\sqrt[3]{24389} \times \sqrt{225}) = x^2 + (7 \times 21)$
a.20 b.16 c.32 d.28 e.24
- $[(14^3 + 17^2) - 547] \div 11 = (1143 \div x) + (693 \div 7)$
a.15 b.13 c.11 d.9 e.17
- $$\frac{\sqrt{(18)^2 + 25\% \text{ of } 736 + (28 \times 14)}}{(16)^2 - (14)^2} = \frac{72}{x^2}$$

a.12 b.15 c.18 d.21 e.24
- $(8.5\% \text{ of } 240) + (16.5\% \text{ of } 540) = 4x + (10.5 + 12.5 - 21.5)$
a.26 b.27 c.28 d.24 e.25
- $[(1573 \div 13)^{1/2} + (3240 \div 15)^{1/3}] = (x)^2 - (517 \div 11)$
a.6 b.8 c.10 d.12 e.14
- $12189 + 5678 - 8659 - 3296 = 12x + 2480$
a.256 b.266 c.276 d.286 e.296
- $44\% \text{ of } 1500 \div (896 \div 8 - 684 \div 12)\% \text{ of } 240 = x$
a.5 b.6 c.7 d.8 e.9
- $0.4 + 0.44 + 0.444 + 0.4444 = x - 3.2716$
a.5.5 b.7 c.6 d.4 e.5
- $(4.5)^2 - (2.8)^2 + (3.6)^2 = (x)^2 - 10.63$
a.4 b.5 c.6 d.7 e.8

MISSING NUMBER SERIES

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

- 189, 214, 250, 314, ?, 660
a.483 b.435 c.458 d.395 e.414
- 47, ?, 51, 60, 87, 168
a.48 b.49 c.50 d.45 e.46
- 674, 773, 864, ?, 990, 1009
a.929 b.969 c.959 d.949 e.939
- 56, 60.4, 69.2, 86.8, 122, ?
a.192.4 b.193.4 c.194.4 d.195.4 e.191.4
- 59, 84, ?, 934, 2159, 4184
a.459 b.409 c.359 d.309 e.259
- 587, 686, 885, ?, 1583, 2082
a.1084 b.1184 c.1284 d.954 e.984
- 983, 1094, 872, 1316, 428, ?
a.1868 b.1664 c.1584 d.2204 e.2084
- ?, 103, 167, 311, 567, 967
a.79 b.83 c.87 d.91 e.95
- 191, ?, 156, 31, -312, -1643
a.164 b.218 c.199 d.190 e.183
- 279, 448, 738, 1172, ?, 2574
a.1775 b.1645 c.1535 d.1935 e.1845

WRONG NUMBER SERIES

- 195, 360, 130, 520, 104, 624
a.195 b.360 c.130 d.104 e.624
- 169, 225, 306, 439, 643, 949
a.169 b.225 c.306 d.439 e.949
- 147, 305, 462, 625, 792, 965
a.147 b.305 c.625 d.792 e.965
- 468, -353, -266, -162, -57, 49
a.-468 b.-353 c.-266 d.-57 e.49
- 14, 6, 2, -6, -28, -75
a.14 b.2 c.-6 d.-28 e.-75
- 981, 1202, 1416, 1627, 1827, 2016
a.981 b.1202 c.1416 d.1627 e.2016
- 89, 93, 153, 193, 705, 805
a.93 b.153 c.193 d.705 e.805
- 1580, 965, 709, 628, 612, 611
a.1580 b.965 c.709 d.628 e.612
- 218, 248, 280, 318, 350, 388
a.218 b.248 c.280 d.318 e.388
- 225, 245, 285, 365, 445, 555
a.225 b.245 c.285 d.365 e.445

BODMAS

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

MISSING NUMBER SERIES

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

WRONG NUMBER SERIES

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