

What will come in place of question mark (?) in the given questions?

1. $12\% \text{ of } 500 + 15\% \text{ of } 1300 - 10\% \text{ of } 300 = ?^2$
a) 10 b) 20 c) 15 d) 25 e) 12
2. $68 \div 4 + 36 \times ? - 12 \times 8 = 29$
a) 4 b) 5 c) 3 d) 6 e) 7
3. $33 \times 8 - 43 \times 4 - 2^3 \times 10 = \sqrt{?}$
a) 196 b) 100 c) 144 d) 121 e) 169
4. $(127 \times 6) + (2^3 + 2^2) - 7^2 = ?$
a) 15.5 b) 11.75 c) 13.5 d) 14.5 e) 12.25
5. $85 - 36 \div 2 + 7 \times 2 = ?^2$
a) 5 b) 7 c) 9 d) 8 e) 6
6. $35\% \text{ of } 700 - 23\% \text{ of } 500 + 60\% \text{ of } 400 = ?$
a) 386 b) 325 c) 350 d) 370 e) 324
7. $53 + \sqrt{256} - 6 \times 5 = ? \times 3$
a) 16 b) 14 c) 13 d) 11 e) 12
8. $5 \times 23 + 3^2 \times 6 - 131 = ? \div 3$
a) 114 b) 106 c) 118 d) 122 e) 130

What will come in place of question mark (?) in the given number series?

9. 6 ? 21 41 81 161
a) 12 b) 15 c) 18 d) 11 e) 20
10. 1 45 77 98 109 ?
a) 124 b) 111 c) 138 d) 121 e) 119
11. 4 3 5 14 55 ?
a) 265 b) 274 c) 282 d) 282 e) 259
12. 14 ? 7 14 56 448
a) 3.5 b) 21 c) 7 d) 14 e) 12

The following graph gives the percent profit earned by two Companies N and M over the years. Study the graph and answer the questions based on it.

Percentage Profit earned by two Companies N and M over the given years.



13. If the expenditure of Company N in 2007 was Rs. 220 crores what was its income in 2007?
a) Rs. 312 crores b) Rs. 297 crores c) Rs. 275 crores d) Rs. 283 crores
14. If the incomes of the two Companies were equal in 2009, then what was the ratio of the expenditure of Company M to that of Company N in 2009?
a) 6 : 5 b) 5 : 6 c) 11 : 6 d) 16 : 15
15. The Incomes of the Companies M and N in 2010 were in the ratio of 3 : 4 respectively. What was the respectively ratio of their expenditure in 2010?
a) 7 : 22 b) 14 : 19 c) 15 : 22 d) 27 : 35
16. The Expenditures of the Companies M and N in 2006 were equal and the total income of the two Companies in 2006 was Rs. 342 crores, what was the total profit of the two Companies together in 2006? (Profit = Income – Expenditure)
a) Rs. 240 crores b) Rs. 171 crores c) Rs. 120 crores d) Rs. 102 crores
17. The expenditure of Company M in the year 2008 was Rs. 200 crores and the income of Company M in 2008 was the same as its expenditure in 2011. The income of Company M in 2011 was.
a) Rs. 465 crores b) Rs. 385 crores c) Rs. 338 crores d) Rs. 295 crores