

Competitive Exams: Numerical Aptitude Questions (Practice-Test 11 of 12)

1. If the Sum of two numbers be multiplied by each number separately, the product so obtained are 247 and 114. The sum of the numbers is
 - a. 19
 - b. 20
 - c. 21
 - d. 23
2. If $x * y = (x + 3) * (y - 1)$, then the value of $5 * 4$ is
 - a. 192
 - b. 182
 - c. 180
 - d. 172
3. A and B can complete a piece of work in 8 days, B and C can do it in 12 days, C and A can do it in 8 days. A, B and C together can complete it in
 - a. 4 days
 - b. 5 days
 - c. 6 days
 - d. 7 days
4. A river 3 m deep and 40 m wide is flowing at the rate of 2 km per hour. How much water (in litres) will fall into the sea in a minute?
 - a. 4, 00, 000
 - b. 40, 00, 000
 - c. 40, 000
 - d. 4, 000

5. The L. C. M. Of three different numbers is 120. Which of the following cannot be their H. C. F.
- 8
 - 12
 - 24
 - 35
6. A number when divided by 49 leaves 32 as remainder. This number when divided by 7 will have the remainder as
- 4
 - 3
 - 2
 - 5
7. In an examination a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 75 questions and secures 125 marks, the number of questions he attempts correctly is
- 35
 - 40
 - 42
 - 46
8. Among three numbers, the first is twice the second and thrice the third. If the average of the three numbers is 49.5, then the difference between the first and the third number is
- 54
 - 28
 - 39.5
 - 41.5
9. The mean of 50 numbers is 30. Later it was discovered that two entries were wrongly entered as 82 and 13 instead of 28 and 31. Find the correct mean.
- 36.12
 - 30.66

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c. 29.28

d. 38.21

10. The perimeter of a triangle is 40 cm and its area is 60 cm². If the largest side measures 17 cm, then the length (in cm) of the smallest side of the triangle is

a. 4

b. 6

c. 8

d. 15