

Question : L.CM. AND H.C.F. T1

Marks : 1

What is the greatest number which divides 639, 1065 and 1491 exactly?

☐ 215

☐ 213

☐ 193

☐ 173

Question : L.CM. AND H.C.F. T2

Marks : 1

The H.C.F. of two numbers is 12 and their difference is 12. Which of the following can be the numbers?

☐ 22 & 96

☐ 84 & 54

☐ 43 & 96

☐ 84 & 96

Find the side of the largest square slab which can be paved on the floor of a room 5 meters 44cm long and 3 meters 74 cm broad.

☐ 34 cm

☐ 24 cm

☐ 39 cm

☐ 44 cm

The least number which should be added to 2497 so that the sum is exactly divisible by 5, 6, 4 and 3 is:

☐ 3

☐ 13

☐ 23

☐ 33

The difference between a two-digit number and the number obtained by interchanging the positions of its digits is 36. What is the difference between the two digits of that number?

☐ 3



☐ 4

☐ 5

☐ 21

Think of a number, divide it by 4 and add 9 to it. The result is 15. What is the number thought of?

☐ 24

☐ 25

☐ 26

☐ 27

A two-digit number is such that the product of the digits is 8. When 18 is added to the number, then the digits are reversed. The number is:

☐ 24



☐ 4

☐ 8

☐ 21

The denominator of a fraction is 2 more than numerator. If the numerator as well as denominator is increased by 4, the fraction becomes $\frac{8}{10}$. Find the original fraction.

☐ $\frac{2}{3}$

☐ $\frac{1}{3}$

☐ $\frac{4}{7}$

☐ $\frac{2}{5}$

Think of a number, divide it by 4 and add 9 to it. The result is 15. What is the number thought of?

☐ 24

☐ 25

☐ 26

☐ 27

$$(25)^2 + (16)^2 - (18)^2 - (4)^2 + (\sqrt{4})^2 - (\sqrt{121}) = ?$$

☐ 534

☐ 564

☐ 434

☐ 234

$$125 \div 2.50 + x^2 - 42 = 129$$

☐ 11



☐ 12

☐ 13

☐ 14

$$190 + 170 - 219 + x = 278$$

☐ 138

☐ 127



☐ 130

☐ 137

Find the least number to be subtracted from 0.000326 in order to make it a perfect square.

☐ 0.0004

☐ 0.04

☐ 0.000002

☐ 0.0002

What is the sum (in RS) which divided among X Y Z in the proportion 3 : 5 : 7 provides rupees 8000 more to Z than what it would have done to him when the proportion is 11 : 15 : 19?

☐ 180000



☐ 120000

☐ 175000

☐ 135000

What is the mean proportional (MP) between the MPs of $(\frac{2}{7} \text{ \& } \frac{32}{343})$ and $(2 \text{ \& } \frac{1}{5000})$?

☒ $\frac{3}{35}$

☐ $\frac{4}{35}$

☐ $\frac{2}{35}$

☐ $\frac{2}{175}$

Five bananas and four apples cost as much as three bananas and seven apples. The ratio of the cost of one banana to that of one apple is.....

☐ 3 : 2



☐ 5 : 2

☐ 7 : 2

☐ 9 : 2

Rs. 180 contained in a box consists of one rupee, 50 paise and 25 paise coins in the proportion of 2 : 3 : 4. What is the number of 50 paise coins?

☐ 120

☐ 150

☐ 210

☐ 185



In an exam, the ratio of passes to failure was 4 : 1. Had 30 less appeared and 20 less passed, the ratio of passes to failure would have been 5 : 1. The number of students who appeared for the exam is.....

☐ 120

☐ 135



☐ 140

☐ 150