

## Mathematics Questions with Answers

Nil is 23 years 1 month old, Shelly is 18 years 7 months old and Ben is as much older than Shelly is younger than Nil. The age of Ben is .....

- 18 years 6 months.
- 21 years 11 months.
- 20 years 9 months.
- 20 years 10 months

$x\%$  of 250 + 25% of 68 = 67, find  $x$ .

- 45
- 10
- 20
- 25

A and B finish a job in 12 days, while A,B and C can finish it in 8 days, C alone will finish the job in

- 14 days
- 16 days
- 20 days
- 24 days

How many 3-digit numbers can be formed from the digits 2, 3, 5, 6, 7 and 9, which are divisible by 5 and none of the digits is repeated?

- 5
- 10
- 15
- 20

The least perfect square, which is divisible by each of 21, 36 and 66 is:

- 213444
- 214344
- 214434
- 231444

A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:

- 14 years
- 19 years
- 33 years
- 38 years

The percentage profit earned by selling an article for Rs. 1920 is equal to the percentage loss incurred by selling the same article for Rs. 1280. At what price should the article be sold to make 25% profit?

- Rs. 2000
- Rs. 2200
- Rs. 2400
- Data inadequate

A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

- Rs. 375
- Rs. 400
- Rs. 600
- Rs. 800

A 300 meter long train crosses a platform in 39 seconds while it crosses a signal pole in 18 seconds. What is the length of the platform?

- 320 m
- 350 m
- 650 m
- Data inadequate

If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:

- 50 km
- 56 km
- 70 km
- 80 km

Albert invested an amount of Rs. 8000 in a fixed deposit scheme for 2 years at compound interest rate 5 p.c.p.a. How much amount will Albert get on maturity of the fixed deposit?

- Rs. 8600
- Rs. 8620
- Rs. 8820
- None of these

66 cubic centimeters of silver is drawn into a wire 1 mm in diameter. The length of the wire in meters will be:

- 84
- 90
- 168
- 336

In a mixture 60 liters, the ratio of milk and water 2: 1 if this ratio is to be 1: 2, then the quantity of water to be further added is:

- 20 liters
- 30 liters
- 40 liters
- 60 liters

A motorboat, whose speed in 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is:

- 4
- 5
- 6
- 10

If Rs. 10 be allowed as true discount on a bill of Rs. 110 due at the end of a certain time, then the discount allowed on the same sum due at the end of double the time is:

- Rs. 20
- Rs. 21.81
- Rs. 22
- Rs. 18.33

How many times in a day, the hands of a clock is straight?

- 22
- 24
- 44
- 48

$1397 \times 1397 = ?$

- 1951609
- 1981709
- 18362619
- 2031719

On 8th Feb, 2005 it was Tuesday. What was the day of the week on 8th Feb, 2004?

- Tuesday
- Monday
- Sunday
- Wednesday

A, B, C subscribes Rs. 50,000 for a business. A subscribes Rs. 4000 more than B and B Rs. 5000 more than C. Out of a total profit of Rs. 35,000, A receives:

- Rs. 8400
- Rs. 11,900
- Rs. 13,600
- Rs. 14,700

The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?

- 1
- 10
- 19