# NUMBER SYSTEM

By: Vikas Yadav(5+ Years Teaching Experience)

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## Practice Problems with Solution

Question 1: A man ate 100 grapes in 5 days. Each day he ate 6 more grapes then those he ate on the earlier day. How many grapes did he ate on the first day?

A: 8

B: 12

C: 54

D: 76

Question 2: If a*b = a+b+a/b then the value of 12*4 is?

A: 20

B: 21

C: 48

D: 19

Question 3: Find the maximum number of trees which can be planted, 20 meters apart on the two sides of a straight road 1760 metres long?

A: 180

B: 178

C: 174

D: 176

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Question 4: Find the number that is as much greater than 39 as is less than 79?

A: 42

B: 49

C: 55

D: 59

Question 5: Which of the following is greater - 0.7, $0.\overline{7}$, $0.0\overline{7}$, $0.\overline{07}$?

A: $0.\overline{07}$

B: $0.0\overline{7}$

C: 0.7

D: $0.\overline{7}$

Question 6: What is the least digit that must be added to the product 5786 x 5784 to make it a perfect square?

A: 1

B: 6

C: 5

D: 4

Question 7: The sum of three consecutive natural numbers divisible by 3 is 45. The smallest number is?

A: 18

B: 3

C: 12

D: 9

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Question 8: Which of the following is a factor of the sum of first twenty- five natural numbers?

A: 26

B: 24

C: 13

D: 12

Question 9: A number when divided by 192 gives a remainder 54. What remainder would be obtained on dividing the same number by 16?

A: 2

B: 4

C: 6

D: 8

Question 10: The smallest 5 digit number divisible by 41 is?

A: 10054

B: 10041

C: 10004

D: 41000

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## Answers and Solutions

**1:-** A, 8

**2:-** D, 19

**3:-** B, 178

**4:-** D, 59

**5:-** D, $0.\overline{7}$

**6:-** A, 1

**7:-** C, 12

**8:-** C, 13

**9:-** C, 6

**10:-** C, 10004

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