Evaluation Question (9(B)

Date
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1. Fill in Blanks

(i) On dividing 9 by 7, quotient = 1 and remainder = 2

(ii) On dividing 18 by 6 quotient = 3 and remainder = 0

(iii) Factor of a number Exact divisor of number.

(iv) Every number is a factor of itself.

(v) Every number is a ~~multiple~~ of one.

(vi) 1 is factor of every number.

(vii) For every number ~~gets~~ definite and multiples are indefinite

(viii) X is a factore of y then y is a multiple of x.

2. Write all the factores of:

(i) 16

All factores of 16 are: 1, 2, 4, 8, 16

(ii) 21

All factores of 21 are: 1, 3, 7, 21

(iii) 39

All factores of 39 are: 1, 3, 13, 39

(iv) 48

All factores of 48 are: 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

(v) 64

All factores of 64 are: 1, 2, 4, 8, 16, 32, 64

(vi) 98

All factores of 98 are: 1, 2, 7, 14, 49, 98

3. Write the first six multiples of:

(i) 4 - All the six multiples are - 4, 8, 12, 16, 20, 24

(ii) 9 - All the six multiples are - 9, 18, 27, 36, 45, 54

(iii) 11 - All the six multiples are - 11, 22, 33, 44, 55, 66

(iv) 15 - All the six multiples are - 15, 30, 45, 60, 75, 90

(v) 18 - All the six multiples are - 18, 36, 54, 72, 90, 108

(vi) 16 - All the six multiples are - 16, 32, 48, 64, 80, 96

4. The product of two numbers is 36 and their sum is 13. Find the numbers

Ans - 36 can be written as:

$1 \times 36 = 36$

$2 \times 18 = 36$

$3 \times 12 = 36$

$4 \times 9 = 36$

$6 \times 6 = 36$

Here, the sum of 4 and 9 is 13

∴ 4 and 12 are two numbers.

5. The product of the two numbers is 48 and their sum is 16. find the numbers.

Ans - 48 can be written as:

$1 \times 48 = 48$

$2 \times 24 = 48$

$3 \times 16 = 48$

$4 \times 12 = 48$

$6 \times 8 = 48$