

EXERCISE 9(B)

1. Fill in the 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 is *exact* of *the no.*
- (iv) Every number is a factor of *divisor*.
- (v) Every number is a multiple of *itself*.
- (vi) 1 is factor of every number.
- (vii) For every number, its factors are *finite* and its multiples are *infinite*.
- (viii) x is a factor of y , then y is a *multiple* of x .

(12)
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Exercise-9 (A)

2. Write all factors of

i) 36 - 1, 3, 12 and 36

ii) 48 - 1, 2, 4, 6, 8, 12, 16, 24, 48

3. Write the first six multiples of:

i) 16 - 16, 32, 48, 64, 80, 96, 112

ii) 15 - 15, 30, 45, 60, 75, 90, 105

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

Product of 2 numbers: - 36	$36 = 4 \times 9$
Sum of 2 numbers: - 13	$= 3 \times 10$
So, since $4 + 9$ is 13	$= 6 \times 6$
So, the two nos. is	$= 2 \times 18$
- 4 and 9	

6. Write two numbers which differ by 3 and whose product is 34.

Product of 2 numbers - 34	1×34
The numbers differ by - 3	6×9
Since, 6 and 9 is differ	3×18
by 3.	27×2

So, the 6 and 9 is the two nos. which product is 34 and is differ by 3