Exercise - 8(A)

1. Write all the factors of:

(i) 15 - 1, 3, 5 and 15.
(ii) 55 - 1, 5, 11 and 55.
(iii) 48 - 1, 2, 3, 4, 6, 8, 12, 16, 24 and 48.
(iv) 36 - 1, 2, 3, 4, 6, 9, 12, 18 and 36
(v) 84 - 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, and 84.

2. Write all prime numbers:

(i) less than 25 = 2, 3, 5, 7, 11, 13, 17, 19, 23,

(ii) between 15 and 35 = 17, 19, 23, 29, 31,

(iii) between 8 and 76 = 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 75.

(3) Write the prime numbers from:

(i) 50 to 45 = 7, 11, 13, 17, 19, 25, 29, 31, 37, 41,

(ii) 2 to 52 = 3, 5, 7, 11, 13, 17, 19, 23, 29, 31

(iii) 8 to 48 = 11, 13, 19, 23, 29, 31, 37, 41, 43, 47

(iv) 9 to 59 = 11, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59.

22/6/21

4 Write the prime factors of :

(i) 16 - 2, 1, and 16

(ii) 27 - 1, 3

(iii) 35 - 1, 5, 7

(iv) 49 - 1 and 7

5. If Pn means prime factors of n, find?

(i) P6 - 1, 2, 3

2	6
3	3
	1

(ii) P24 - 2, 1, 3

2	24
2	12
2	6
3	3
	1

(iii) P_{50} - 2, ~~3~~, 5

2	50
5	25
5	5
	1

(iv) P_{42} - ~~1~~, 2, 3, 7.

2	42
3	21
7	7
	1