

6-21

Ch-8

~~EX 7-A~~ EX 8-A



Evaluation Question

1. Write all the factors of :

i) 15 \rightarrow 1, 3, 5 & 15

ii) 55 \rightarrow 1, 5, 11 & 55

iii) 48 \rightarrow 1, 2, 3, 4, 6, 8, 12, 16, 24 & 48

iv) 36 \rightarrow 1, 2, 3, 4, 6, 9, 12, 18 & 36

v) 84 \rightarrow 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42 & 84

2. Write all prime factors :

i) less than 25 \rightarrow 2, 3, 5, 7, 11, 13, 17, 19 and 23

ii) Between 15 & 25 \rightarrow 17, 19, 23, 29 and 31

iii) Between 8 & 76 \rightarrow 11, 13, 17, 19, 23, 29, 31,

37, 41, 43, 47, 53, 59, 61, 67, 71,

73. are the prime number between 8 and 76

3. Solution: i) The prime numbers of 5 to 45

are \rightarrow 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41 and 43

ii) The prime numbers from 2 to 32 are 2, 3, 5, 7, 11, 13, 17, 19, 23, 29 & 31

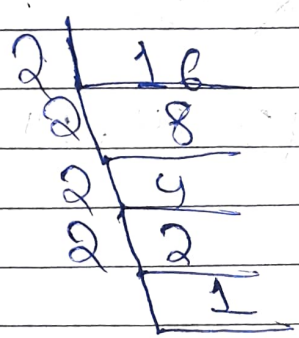
iii) The Prime numbers from 8 to 48 are
11, 13, 17, 19, 23, 29, 31, 37, 41, 43
and 47

iv) The prime numbers from 9 to 59 are
11, 13, 17, 19, 23, 29, 31, 37, 41, 43,
47, 53 and 59

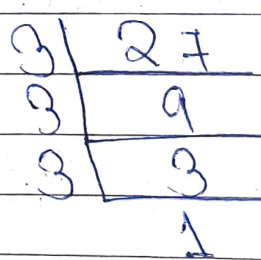
4.

i) 16

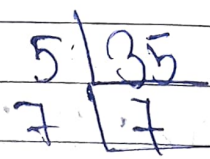
Ans Prime factors of 16 is 2



ii) Prime factors of 27 is 3



iii)



Prime factors of
35 is

i) P₆

2	6
3	3
	1

Ans Prime factors of 6 are 2 and 3

ii) P₂₄

2	24
2	12
2	6
3	3
	1

Ans Prime factors of 24 are 2 and 3

iii) P₅₀

2	50
5	25
5	5
	1

Ans Prime factors of 50 are 2 and 5

EX 8(B)

Q) Study the common method find the HCF