

Ans
01.09.2021

Exercise-10 (E)

LCM by listing Method.

①

a) 2 and 6

ans: 2 = 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

6 = 6, 12, 18, 24, 30, 36, 42, 48, 54, 60

LCM = 6

b) 4 and 12

ans: 4 = 4, 8, 12, 16, 20, 24, 28, 32, 36, 40

12 = 12, 24, 36, 48, 60, 72, 84, 96, 108, 120

LCM = 12

c: 5 and 3

ans- 5 = 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

3 = 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

LCM = 15

d: ~~3 and 9~~ 3 and 9

ans- 3 = 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

9 = 9, 18, 27, 36, 45, 54, 63, 72, 81, 90

LCM = 9

e: 10 and 20

ans- 10 = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

20 = 20, 40, 60, 80, 100, 120, 140, 160, 180, 200

LCM = 20

f 6 and 4

$$6 = 6, \textcircled{12}, 18, \textcircled{24}, 30, \textcircled{36}, 42, 48, 54, 60$$

$$4 = 4, 8, \textcircled{12}, 16, 20, \textcircled{24}, 28, 32, \textcircled{36}, 40$$

$$\text{LCM} = 12$$

g 4 and 18

$$4 = 4, 8, 12, 16, 20, 24, 28, 32, \textcircled{36}, 40$$

$$18 = 18, \textcircled{36}, 54, 72, 90, 108, 126, 144, 162, 180$$

$$\text{LCM} = 36$$

11.09.2021

Exercise - 10 (E)

H. 4 and 6

4 = 4, 8, (12), 16, 20, (24), 28, 32, (36), 40

6 = 6, (12), 18, (24), 30, (36), 42, 48, 54, 60

LCM-12

I. 16 and 8

16 = (16), (32), (48), (64), 80, 96, 112, 128, 144, 160

8 = 8, (16), 24, (32), 40, (48), 56, (64), 72, 80

LCM-16

J. 9 and 12

9 = 9, 18, 27, (36), 45, 54, 63, 72, 81, 90

12 = 12, 24, (36), 48, 60, 72, 84, 96, 108, 120 / LCM-36