

Ch-10 Factors and Multiples  
Common multiples

CW  
1/9/21  
Wed

10(E) 1) Find the LCM of the given number by listing method (upto first three multiples)

a) 2 and 6

Multiples of 2 = 2, 4, (6)

Multiples of 6 = (6), 12, 18

LCM = 6

b) 4 and 2

Multiples of 4 = (4), 8, 12

Multiples of 2 = 2, (4), 6

LCM = 4

c) 5 and 3

Multiple of 5 = 5, 10, (15)

Multiple of 3 = 3, 6, 9, 12, (15)

LCM = 15

d) 3 and 9

Multiple of 3 = 3, 6, (9)

Multiple of 9 = (9), 18, 27

LCM = 9

e) 10 and 20

Multiple of 10 = 10, (20), 30

Multiple of 20 = (20), 40, 60

LCM = 20

f) 6 and 4

Multiple of 6 = 6, (12), 18

Multiple of 4 = 4, 8, (12)

LCM = 12

g) 4 and 18

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

Multiple of 18 = 18, (36), 54, 72

LCM = 36

h) 4 and 6

Multiple of 4 = 4, 8, (12)

Multiple of 6 = 6, (12), 18

LCM = 12

i) 16 and 8

Multiple of 16 = 16, 32, 48

Multiple of 8 = 8, 16, 24

LCM = 16

j) 9 and 12

Multiple of 9 = 9, 18, 27, 36

Multiple of 12 = 12, 24, 36

LCM = 36