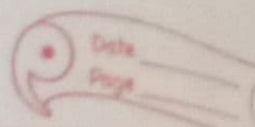


C.W.  
19.8.2021

## Exercise - 10 (D)



Q1 Find the HCF of the following.

a) 8 and 16

factor of 8 - 1, 8, 2, 4

factor of 16 - 1, 16, 2, 8, 4

HCF - 8

b) 12 and 24

factor of 12 - 2, 6, 1, 12, 4, 3

factor of 24 - 24, 1, 2, ~~4~~, 12, 4, 3

HCF - 12

c) 24 and 36

Factor of 24 - 24, 1, 2, 12, 4, 3

Factor of 36 - 1, 2, 3, 4, 6, 9, 12, 18, 36

HCF - 12

d) 5 and 10

Factor of 5 - 1, 5

Factor of 10 - 5, 1, 10, 2

HCF - 5

e) 15 and 30

Factor of 15 - 1, 15, 5, 3,

Factor of 30 - 3, 10, 1, 30, 15, 2

HCF - 15

f) 4 and 6

Factor of 4 - 2, 1, 4,

Factor of 6 - 2, 3, 6, 1

g) 54 and 72

Factor of 54 - 1, 2, 3, 4, 6, 9, 12, 18

Factor of 72 - ~~1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36~~  
1, 72, 3, 2, 31, 18

HCF - 18

h) 56 and 70

Factor of 56 - ~~1, 56, 28, 14, 7~~

Factor of 70 - 1, 70, 35, 14, 11

HCF - 14

i) 23 and 25

Factor of 23 - 1, 23

Factor of 25 - 1, 25, 5

HCF - 1

j) 42 and 56

Factor of 42 - 21, 14, 2, 6, 7, 14, 3

Factor of 56 - 1, 56, 14, 28, 2

HCF - 14