

Ex 8 (B)



4) Find the common factors of 45, 60 and 75.
Find the H.C.F of 45, 60 and 75.

Solution:

Factors of 45: 1, 5, 15, 45, 3

Factors of 60: 1, 2, 3, ^{5,} 6, 10, 12, 15, 60

Factors of 75: 1, 3, 5, 15, 25

Common factors of 45, 60 and 75: 1, 3, 5 and 15

∴ The H.C.F is 15

5) Find the common factors of 18, 28, 46 and 58. Find the H.C.F of 18, 28, 46, 58

Factors of 18: 1, 2, 3, 6, 9, 18

Factors of 28: 1, 2, ~~3~~, 4, 14, 28

Factors of 46: 1, 2, ~~3~~, 4, ~~5~~ 23

Factors of 58: 1, 2, 58

Common Factors of 18, 28, 46 and 56 : 1, 2

∴ The H.C.F is 2