



# Highest Common Factor

Highest Common Factor (HCF) of two or more nos. is the largest positive no. that completely divides those nos. without leaving any remainder.

Find the HCF of the following given nos.

1) 25 and 35

2) 18 and 15

$$\begin{array}{r} 5 \overline{) 75, 135} \\ 3 \overline{) 15, 27} \\ 5, 9 \end{array}$$

$\therefore$  H.C.F =  $5 \times 3$

H.C.F =

H.C.F =

3) 18, 30 and 27

4) 120 and 75

H.C.F =

H.C.F =

5) 175 and 200

6) 27, 63 and 54

H.C.F =

H.C.F =

7) 168 and 336

8) 294 and 1029

H.C.F =

H.C.F =