

f) 144, 252 and 228

$$\begin{array}{r|l} 2 & 144, 252, 228 \\ \hline 2 & 72, 126, 114 \\ \hline 3 & 36, 63, 57 \\ \hline & 12, 21, 19 \end{array}$$

$$\text{HCF} = 2 \times 2 \times 3 = 12$$

g) 125, 175 and 225

$$\begin{array}{r|l} 5 & 125, 175, 225 \\ \hline 5 & 25, 35, 45 \\ \hline & 5, 7, 9 \end{array}$$

$$\text{HCF} = 5 \times 5 = 25$$

h) 27 and 162

$$\begin{array}{r|l} 3 & 27, 162 \\ \hline 3 & 9, 54 \\ \hline 3 & 3, 18 \\ \hline & 1, 6 \end{array}$$

$$\text{HCF} = 3 \times 3 \times 3 = 27$$

EXERCISE 10 (E)

i) 69 and 92

23	69, 92
3	4

HCF = 23

j) 96, 144 and 168

2	96, 144, 168
2	48, 72, 84
2	24, 36, 42
3	12, 18, 21
	4, 6, 7

HCF = $2 \times 2 \times 2 \times 3 = 24$