

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

$$\begin{array}{r|l}
 3 & 45 \\
 \hline
 3 & 15 \\
 \hline
 5 & 5 \\
 \hline
 & 1
 \end{array}
 \qquad
 \begin{array}{r|l}
 2 & 60 \\
 \hline
 3 & 30 \\
 \hline
 3 & 15 \\
 \hline
 5 & 5 \\
 \hline
 & 1
 \end{array}
 \qquad
 \begin{array}{r|l}
 5 & 75 \\
 \hline
 3 & 15 \\
 \hline
 5 & 5 \\
 \hline
 & 1
 \end{array}$$

factor of 45 = 1, 3, 5, 9, 15, 45
 factor of 60 = 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30 and 60
 factor of 75 = 1, 3, 5, 15, 25, and 75

Common factor = 1, 3, 5, 15,
 The H.C.F. is 15

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

$$\begin{array}{r|l}
 2 & 18 \\
 \hline
 3 & 9 \\
 \hline
 3 & 3 \\
 \hline
 & 1
 \end{array}
 \quad
 \begin{array}{r|l}
 4 & 28 \\
 \hline
 7 & 7 \\
 \hline
 & 1
 \end{array}
 \quad
 \begin{array}{r|l}
 2 & 46 \\
 \hline
 23 & 23 \\
 \hline
 & 1
 \end{array}
 \quad
 \begin{array}{r|l}
 2 & 58 \\
 \hline
 29 & 29 \\
 \hline
 & 1
 \end{array}$$

factor of 18 = 1, 2, 3, 6, 9, 18
 factor of 28 = 1, 2, 4, 7, 14, 28
 factor of 46 = 1, 2, 23, 46
 factor of 58 = 1, 2, 29, 58

Common factor = 1, 2,
 The H.C.F. is 2