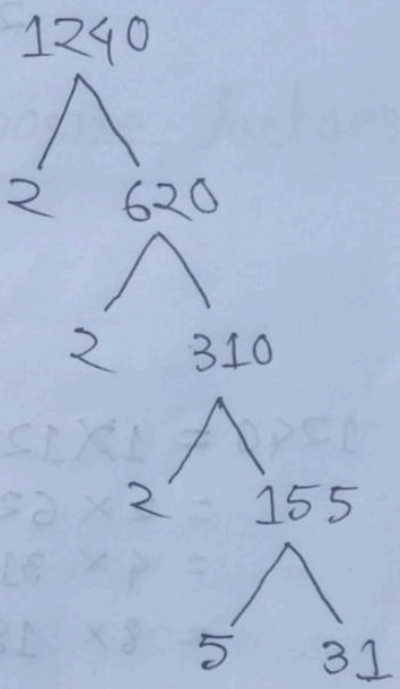
1. Factorization of 1240.

Division method:

$$\begin{array}{r|l} 2 & 1240 \\ \hline 2 & 620 \\ \hline 2 & 310 \\ \hline 5 & 155 \\ \hline & 31 \end{array}$$

Tree Diagram:



Multiplication method: $1240 = 2 \times 620$

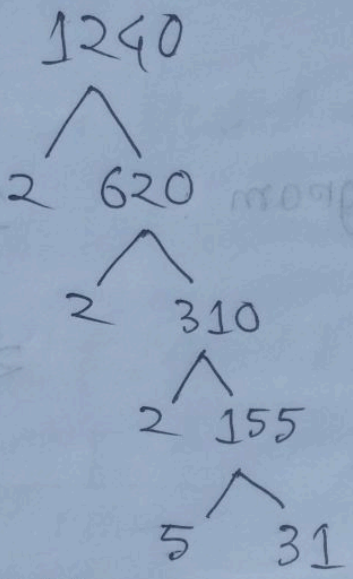
$= 2 \times 2 \times 310$

$= 2 \times 2 \times 2 \times 155$

$= 2 \times 2 \times 2 \times 5 \times 31$

Therefore, the prime factorization of 1240 is: $= 2^3 \cdot 5 \cdot 31$

2. Find all the factors of 1240 using tree diagram.



Now. $1240 = 1 \times 1240$
$= 2 \times 620$
$= 4 \times 310$
$= 8 \times 155$
$= 5 \times 248$
$= 10 \times 124$
$= 20 \times 62$
$= 40 \times 31$

So, All the factors of 1240 = 1, 2, 4, 8, 5, 10, 20, 62, 124, 248, 155, 310, 620, 1240, 40, 31

3. Find all the Prime factors of 1240.

$$
\begin{array}{r|l}
2 & 1240 \\
\hline
2 & 620 \\
\hline
2 & 310 \\
\hline
5 & 155 \\
\hline
 & 31
\end{array}
$$

∴ All the prime factors of 1240 = 2, 5, 31

4. Find all the composite factors of 1240

$1240 = 1 \times 1240$

$= 2 \times 620$

$= 4 \times 310$

$= 8 \times 155$

$= 5 \times 248$

$= 10 \times 124$

$= 20 \times 62$

$= 40 \times 31$

∴ All the composite factors of 1240 = 4, 8, ~~5~~, 10, 20, 40, 31, 62, 124, ~~248~~, 155, ~~310~~, 620, 1240