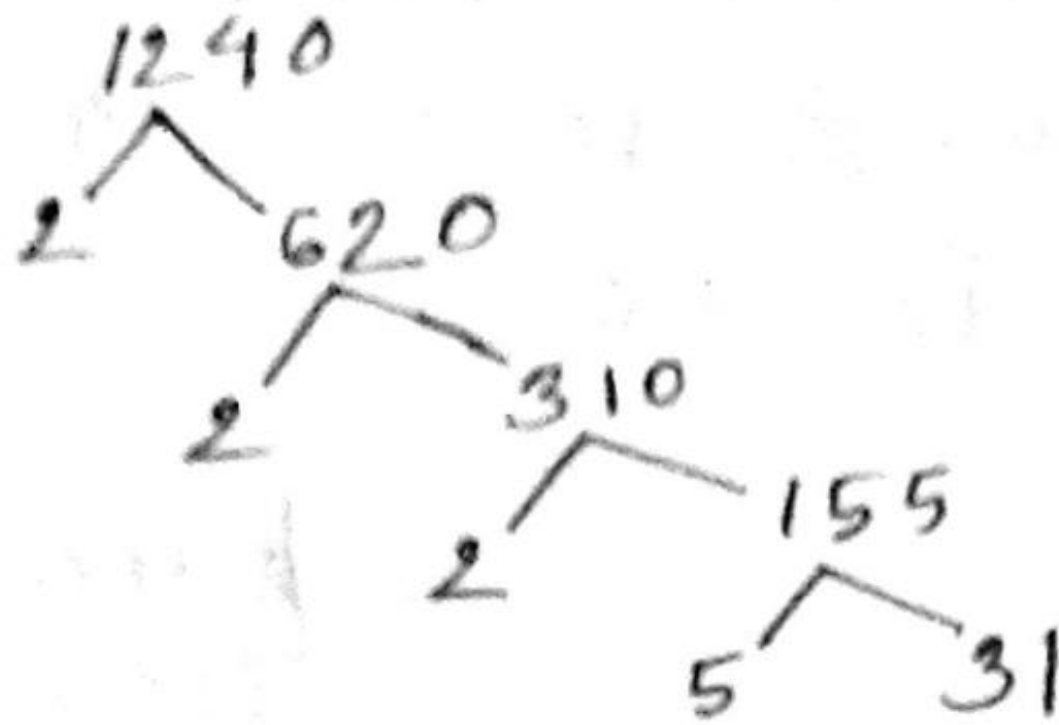


1.

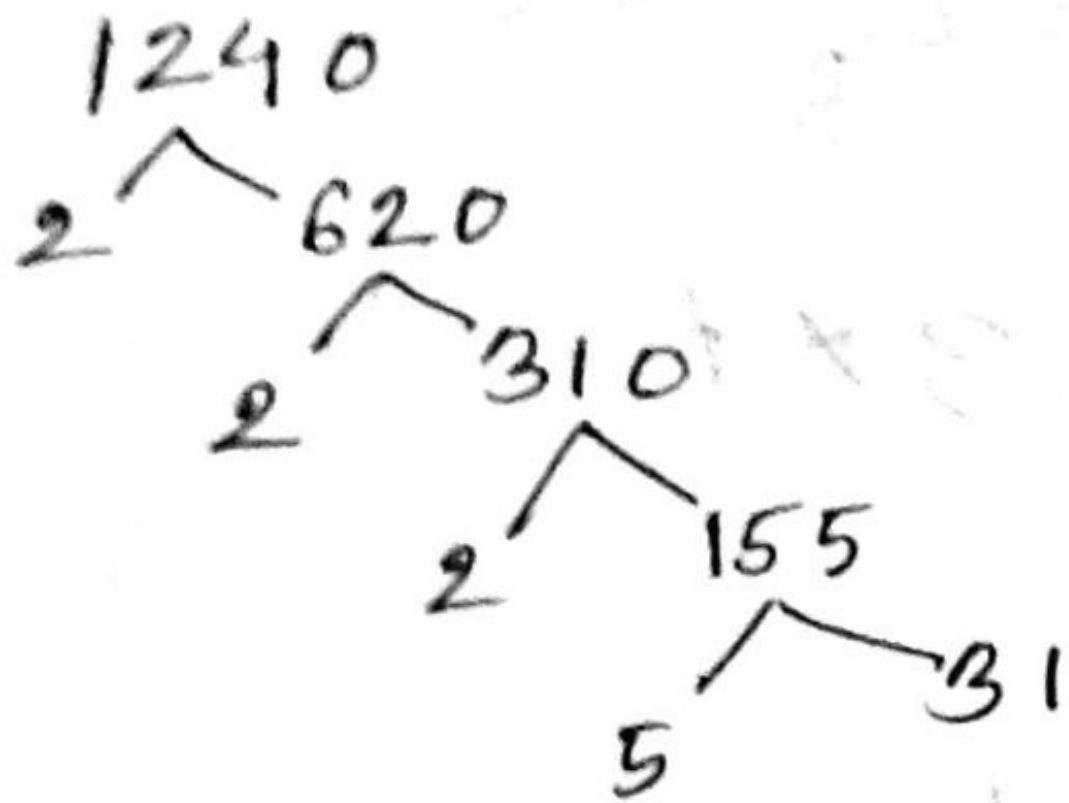
$$\begin{array}{r}
 2 \overline{)1240} \\
 \underline{2 00} \\
 2 40 \\
 \underline{2 00} \\
 2 40 \\
 \underline{2 00} \\
 2 40 \\
 \underline{5 00} \\
 31
 \end{array}$$



$$\begin{aligned}
 1240 &= 2 \times 620 \\
 &= 4 \times 310 \\
 &= 8 \times 155 \\
 &= 5 \times 31
 \end{aligned}$$

The prime factorization of 1240 is $= 2^3 \cdot 5 \cdot 31$.

2.



calculation for all factors:

$$\begin{aligned}
 1240 &= 1 \times 1240 \\
 &= 2 \times 620 \\
 &= 4 \times 310 \\
 &= 8 \times 155 \\
 &= 5 \times 31 \\
 &= 10 \times 124 \\
 &= 20 \times 62 \\
 &= 40 \times 31 \\
 &= 5 \times 248
 \end{aligned}$$

The factors are = 1, 1240, 2, 620, 4, 310, 8, 155, 5, 31, 10, 124, 20, 62, 40, 248

3. The prime factors are = 2, 5, 31

4. The composite factors are = 4, 8, 10, 20, 40, 1240, 620, 310, 155, 124, 62, 248