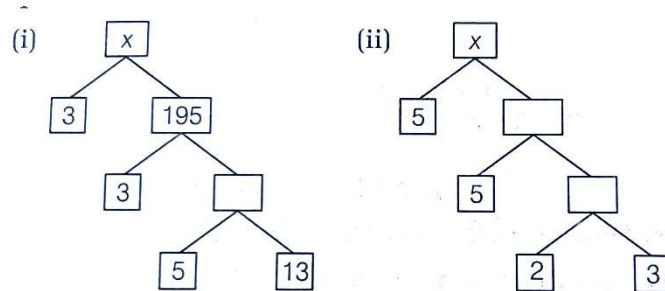




15. On a morning walk, three persons step off together and their steps measure 40cm, 42cm and 45cm respectively. What is the minimum distance each should walk so that each can cover the same distance and complete steps? (Ans: 2520cm)

16. The length, breadth, and height of a room are 8m 25cm, 6m 75 cm, and 4m 50cm respectively. Find the length of the longest rod that can measure the three dimensions of the room exactly. (Ans: 75cm)

17. Complete the following factor tree and find the composite number x.



(Ans: (i) 585 (ii) 150)

**Level 2:**

18. Prove that  $\sqrt{2} + \sqrt{3}$  is irrational.

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