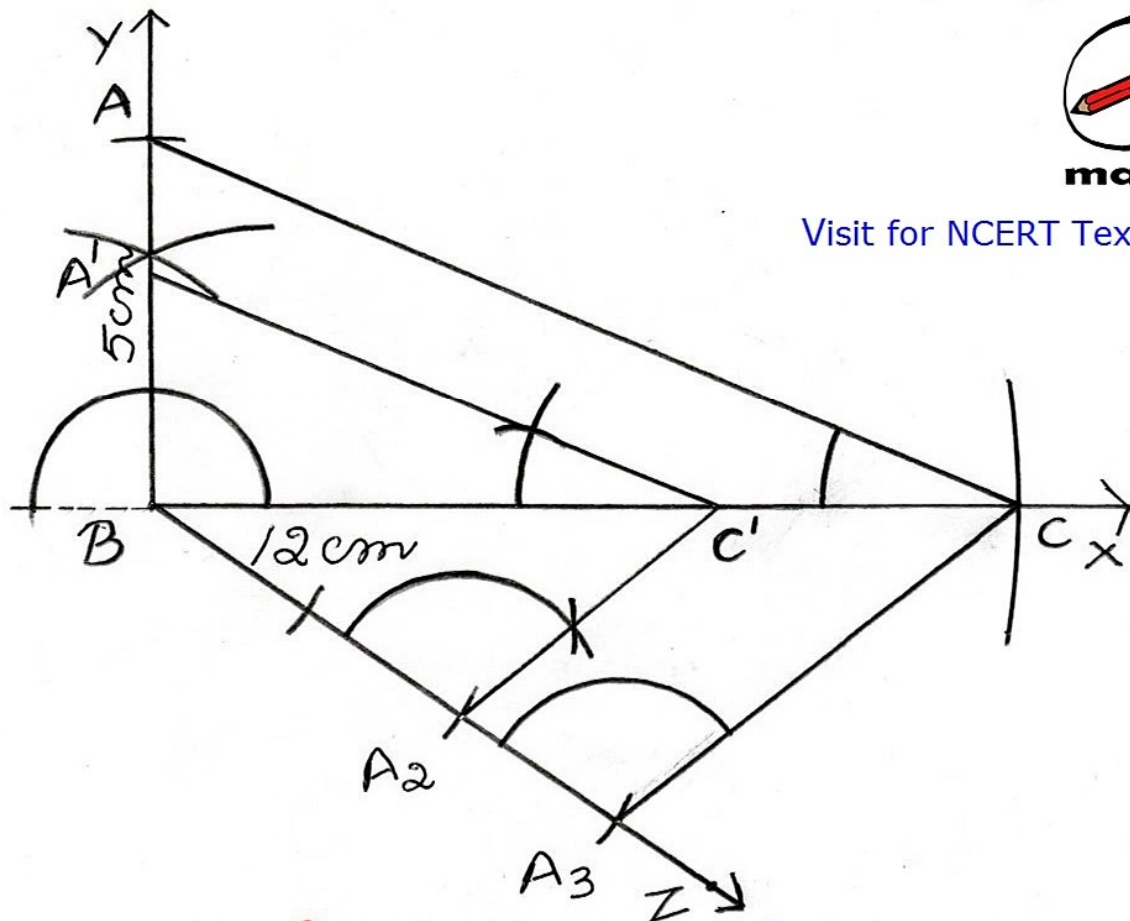




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Steps *Proof - similar to a1*

1. draw $\angle YAX = 90^\circ$
2. with centre B and radii 12 cm and 5 cm respectively, draw arcs intersecting Bx at c and By at A, join AC
3. draw $\angle XBZ$ and draw 3 arcs of equal radii begin. at A to A_3
- ④ join A_3c and draw $A_2c' \parallel A_3c$ intersecting Bx at c'
- ⑤ draw $c'A' \parallel CA$ intersecting By at A'
- ⑥ $A'BC'$ is reqd Δ .
- ⑦ yes $\Delta A'BC'$ is a right Δ ($\because \angle B = 90^\circ$)