

Class IX Ex. 11.2

NCERT Exemplar Solutions by Dev Anoop (Bathinda)

1. true . by bisecting angle of 105°

2. false $\because 42.5 \times 2 = 85^\circ$ angle cannot be constructed

3. false $\because BC + AC \neq AB$

4. true $\because AC - AB < BC$

5. false $\because \angle B + \angle C = 195$ which is greater than 180° which is sum of 3 interior \angle s of a Δ

6. true $\because \angle B + \angle C = 60 + 45 = 105^\circ < 180^\circ$

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