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Time 1 h

Triangle & its Properties VII

MM 20

Answers

1 Mark Each

1. $\angle DAC = 105^\circ$.
2. $\angle C = 60^\circ$
3. $\angle A = 85^\circ$.

2 Marks Each

4. $\angle C = 70^\circ, \angle A = 50^\circ$.
5. $\angle C = 55^\circ$, and $\angle A = 80^\circ$
6. $\angle C = \angle B = 45^\circ, \angle A = 90^\circ$
7. Yes.

3 Marks Each

10. 18 m

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