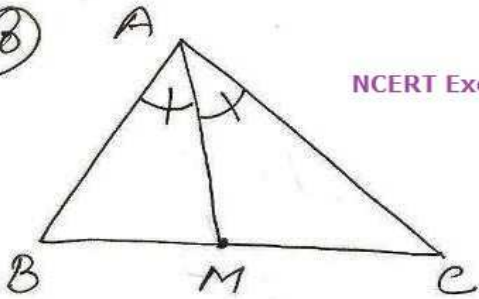


10



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$$AB + BM > AM \dots \textcircled{1}$$

$$AC + CM > AM \dots \textcircled{2}$$

$$\textcircled{1} + \textcircled{2}$$

$$AB + BC + AC > 2AM$$

$$\text{Per. of } \triangle ABC > 2AM$$

True

11

$$9, 7, 17$$

$$9 + 7 \not> 17 \quad \text{False}$$

12

$$8, 7, 4$$

$$8 + 7 > 4$$

$$8 + 4 > 7$$

$$7 + 4 > 8$$

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$$\therefore \text{ True.}$$