

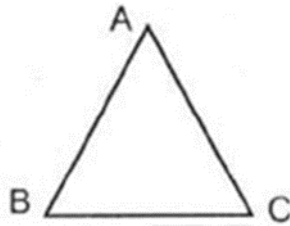


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## JSTSE PREVIOUS YEARS

(Mathematics : Triangles TS)

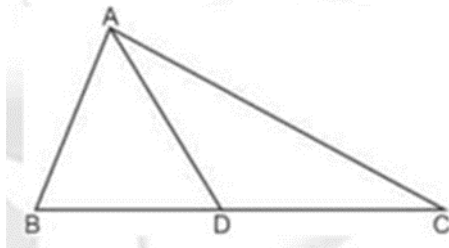
1. In  $\triangle ACB$ ,  $AB = 3\text{cm}$ ,  $BC = 5\text{cm}$ ,  $AC = 4\text{cm}$ . Then right angle will be formed at



- (a) Vertex A (b) Vertex B (2012)  
 (c) Vertex C (d) Not at all

Ans. (a)

2. In the figure,  $AB = BD$  and  $AD = DC$ , then  $\angle BAC : \angle ACB$  is (2013)



- (a) 1 : 2 (b) 2 : 1  
 (c) 1 : 3 (d) 3 : 1

Ans. (d)

3. In the figure, PS bisects  $\angle P$ , PQ, QS and SR in ascending order are (2013)

