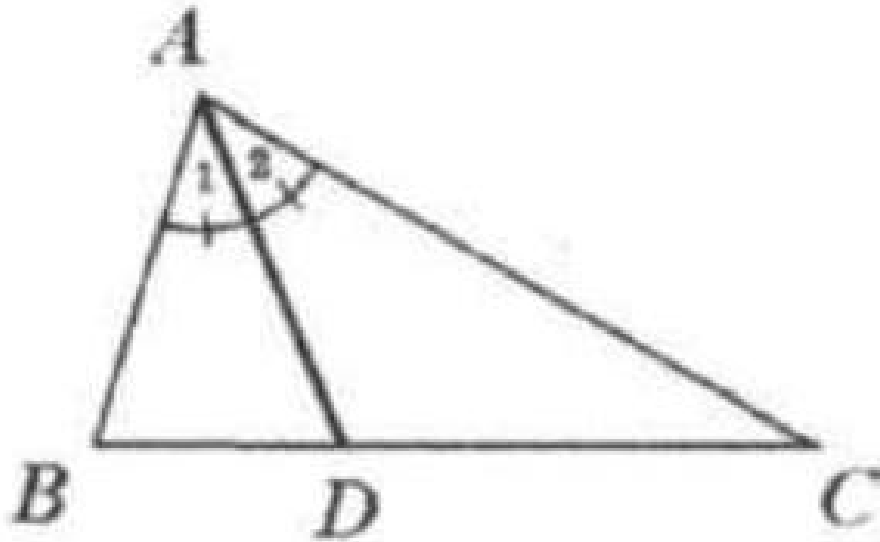


Problem 11

Problem

Prove the Angle Bisector Theorem: The angle bisector of a triangle divides the opposite side into segments that are proportional to the adjacent sides.

$$\frac{AB}{AC} = \frac{BD}{CD} \quad \text{or} \quad \frac{AB}{BD} = \frac{AC}{CD}$$



Solution

Solution not available.