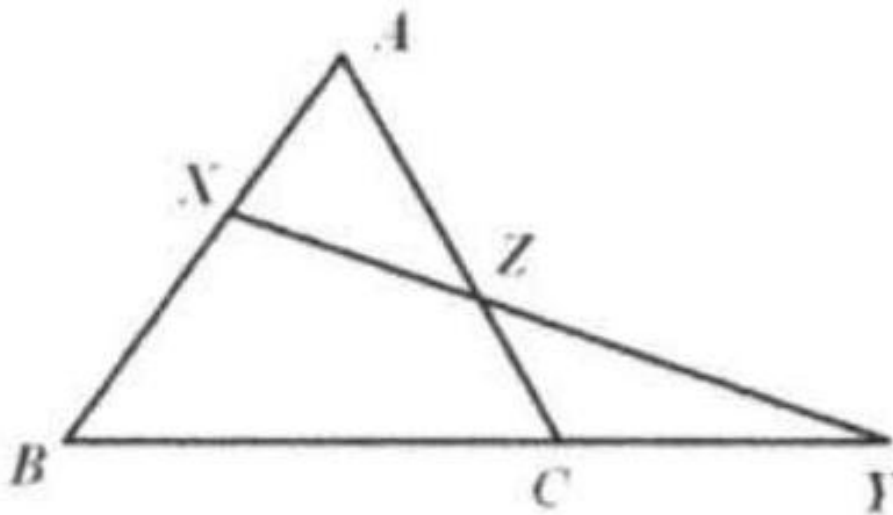


## Problem 18

### Problem

Prove the Menelaus' Theorem: A line intersects the sides or extension of the sides  $AB$ ,  $BC$  and  $CA$  of  $\triangle ABC$  at  $X$ ,  $Y$  and  $Z$ , respectively. The following holds  $\frac{AX}{BX} \cdot \frac{BY}{CY} \cdot \frac{CZ}{AZ} = 1$ .



### Solution

Solution not available.