

A diagram showing a right triangle with vertices labeled A and B. The base of the triangle is a horizontal line segment. A vertical dashed line extends from vertex A down to the base, and another vertical dashed line extends from vertex B down to the base. The angle at vertex A is marked with a right-angle symbol.

A diagram of a horizontal beam of length L supported at its left end. A triangular load is applied perpendicular to the beam, starting at zero at the left end and increasing linearly to a peak value K at the right end. Dashed vertical lines indicate the load distribution.

Задача 14. Один прямоугольник находится внутри другого. Докажите, что тогда его периметр меньше.

[illegible]