



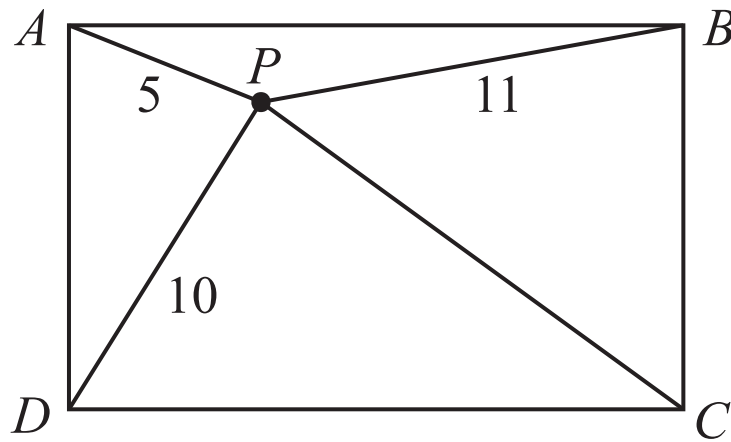
Problem of the Week

Problem D

From the Four Corners

In the diagram, $ABCD$ is a rectangle. Point P is located inside the rectangle so that the distance from P to A is 5 cm, the distance from P to B is 11 cm, and the distance from P to D is 10 cm.

How far is P from C ?



HINT: Consider drawing a line segment through P , perpendicular to two of the sides of the rectangle. Then use the Pythagorean Theorem.

