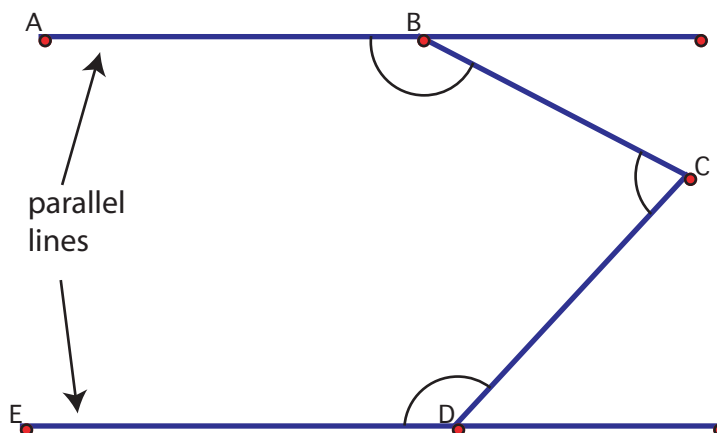


Hint 1 to the angle problem
from the GCTM and SCCTM October 2007 presentations on Focal Points
by Sybilla Beckmann

Angle problem: Without measuring the angles, explain why the sum of the angles at B , C , and D must be 360° .



To solve the angle problem, draw an extra line or extend existing line segments and use the fact that corresponding angles that are created when a line crosses two parallel lines are congruent (this is one variant on the Parallel Postulate).

