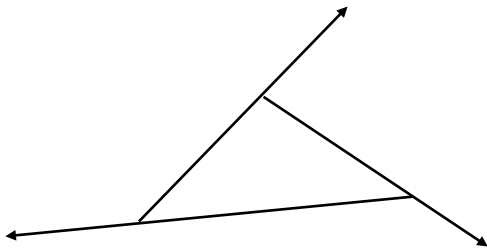


Sum of the Exterior Angles of a Polygon

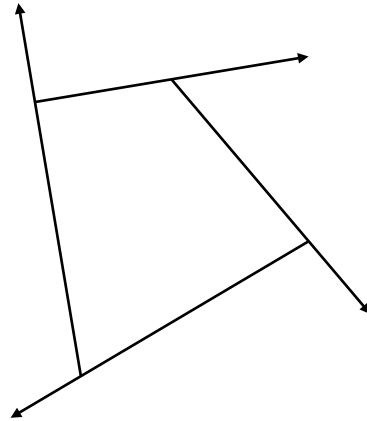
8-26. Confirm your conjecture from part (e) by following the directions below.

Directions: For each polygon, start by tracing one exterior angle on tracing paper. Then move the tracing paper to another exterior angle and place it so that the vertices coincide (lie on top of one another) and the angles are adjacent. Then copy the second angle on the tracing paper. Continue to do this until you have copied all adjacent angles. Once you are finished, examine the result. Did the result confirm your conjecture from part (e) of problem 8-26?

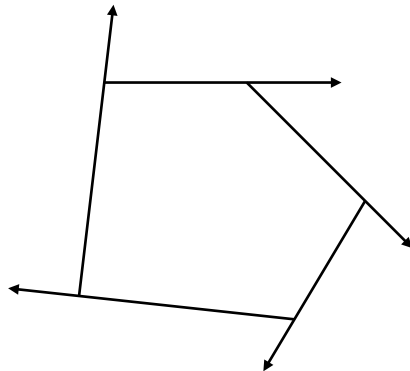
(1) Triangle



(2) Quadrilateral



(3) Pentagon



(4) Regular Hexagon

