Keystrokes for Exercises 47 and 48

TI-92

1. Draw a polygon using the polygon command (F3 4).
2. Draw a line through the endpoints of each side using the line command (F2 4).
3. Measure the exterior angles (F6 3).
4. Use the calculator command (F6 6) to verify that the sum of the measures is 180°.
5. Drag a vertex and notice the results.
   F1 1 (Move cursor to a vertex.) ENTER (Use the drag key and the cursor pad to drag the vertex.)

SKETCHPAD

1. Draw a polygon using the segment straightedge tool.
2. Draw a line through the endpoints of each side using the line straightedge tool.
   Use the point tool to plot a point on each line but not on the polygon.
3. Measure the exterior angles.
4. Choose Calculate . . . from the Measure menu. Verify that the sum of the measures is 180°.
5. Use the translate selection arrow tool to drag a vertex.