

**Technology Activity Keystrokes**

For use with page 327

**Keystrokes for Exercise 40****TI-92**

1. Draw quadrilateral  $ABCD$ .

**F3** 4 (Place cursor at desired location for point  $A$ .) **ENTER**  $A$  (Place cursor at desired location for point  $B$ .) **ENTER**  $B$  (Place cursor at desired location for point  $C$ .) **ENTER**  $C$  (Place cursor at desired location for point  $D$ .) **ENTER**  $D$   
(Move cursor to point  $A$ .) **ENTER**

2. Measure  $\angle DAB$ ,  $\angle ABC$ ,  $\angle BCD$ , and  $\angle CDA$ .

**F6** 3 (Place cursor on point  $D$ .) **ENTER** (Place cursor on point  $A$ .) **ENTER**  
(Move cursor to point  $B$ .) **ENTER**


Repeat for the other angles.

3. Calculate the sum of the four angles.

**F6** 6 (Move cursor and highlight angle  $DAB$ .) **ENTER** **+** (Move cursor to highlight angle  $ABC$ .) **ENTER** **+** (Move cursor to highlight angle  $BCD$ .)  
**ENTER** **+** (Move cursor to highlight angle  $CDA$ .) **ENTER** **ENTER**  
(The result will appear on the screen.)

4. Drag a vertex of the quadrilateral.

**F1** 1 (Place cursor on point  $A$ .) **ENTER**

(Use the drag key  and the cursor pad to drag the point.)

**SKETCHPAD**

1. Draw quadrilateral  $ABCD$ . Select segment from the straightedge tools and make four segments for quadrilateral  $ABCD$ .
2. Measure  $\angle DAB$ ,  $\angle ABC$ ,  $\angle BCD$ , and  $\angle CDA$ . To measure angle  $DAB$ , choose the selection arrow tool, select point  $D$ , hold the shift key down, and select points  $A$  and  $B$ . Then choose **Angle** from the **Measure** menu. Repeat for the remaining angles. Before selecting the next angle, be sure to click anywhere in the work area to deselect the previous points.
3. Calculate the sum of the four angles. Select **Calculate** from the **Measure** menu. Click each angle measure, insert **+** sign between each measure, and click OK.
4. Use the translate selection arrow tool to drag a vertex of the quadrilateral.