Technology Activity Keystrokes
For use with page 409

SKETCHPAD

1. Draw a polygon using the segment straightedge tool.
2. Draw line \( m \). Choose line from the straightedge tool. Draw the line so that it does
not intersect the polygon.
3. Reflect the polygon in line \( m \) (select the line using the selection arrow tool).
   Choose Mark Mirror from the Transform menu. Select the segments and the
   point of the polygon. Choose Reflect from the Transform menu.
4. Draw a segment connecting a vertex on the polygon to its corresponding vertex
   on the reflection using the segment straightedge tool.
5. Measure the distance between a vertex and line \( m \). Choose the selection arrow
   tool and select a vertex on the preimage. Then hold down the shift key, select
   line \( m \), and choose Distance from the Measure menu. Select the corresponding
   vertex on the image, hold down the shift key, select line \( m \), and choose Distance
   from the Measure menu. Compare the results. Repeat this process for the other
   vertices.