

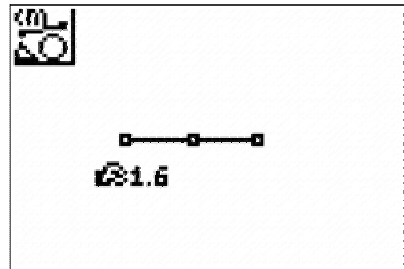


CABRI™ JR. ACTIVITY 1: MIDPOINT OF A SEGMENT

ACTIVITY OVERVIEW:

In this activity we will

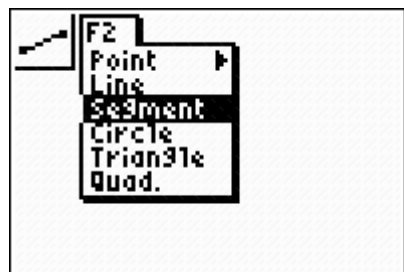
- Draw a segment
- Find the midpoint
- Measure the segment and each half
- Change the length



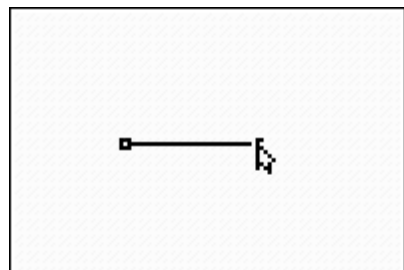
Press **[APPS]**. Move down to the CabriJr APP and press **[ENTER]**. Press **[Y=]** for the F1 menu and select **New**. (If asked to **Save changes?** press **[◀]** **[ENTER]** to choose “No.”)



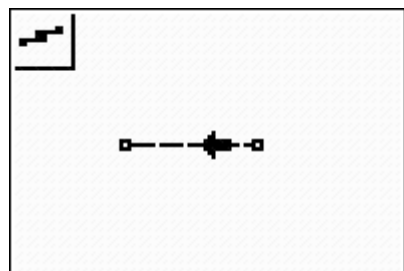
Press **[WINDOW]** for F2 and select **Segment**



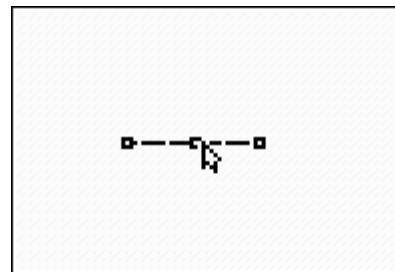
Move the pencil to desired location of one endpoint and press **[ENTER]**. Move to the other endpoint of the segment and press **[ENTER]**. Press **[CLEAR]** to exit the Segment drawing tool.



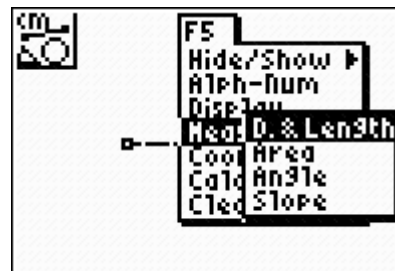
Move the cursor until the segment is dashed and flashing then press **[ZOOM]** for F3 and move down to **Midpoint** and press **[ENTER]**.



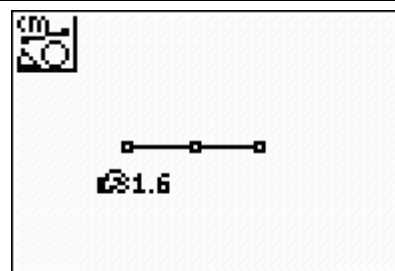
Press **ENTER** again to mark the midpoint.
 Press **CLEAR** to exit the Midpoint drawing tool.



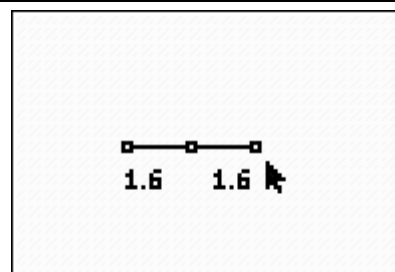
Press **GRAPH** for F5 and move down to **Measure** and right to **D. & Length**.
 Press **ENTER**.



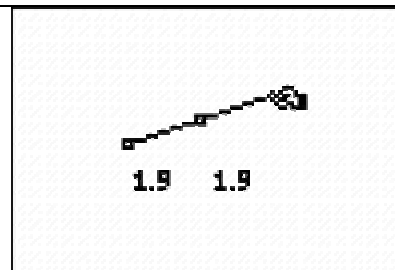
Press **ENTER** when the midpoint is flashing.
 Move the pencil to an endpoint. When it is also flashing, press **ENTER**. The length of the segment is shown. The *hand* indicates that it can be moved.
 Move it away from the segment to a convenient location. Press **CLEAR** to turn off the *hand*.



The measurement tool is still active so return the pencil until the midpoint is flashing. Press **ENTER** then move until the other endpoint, flashes and press **ENTER**. Move the measurement to a convenient location away from the segment. Press **CLEAR** to turn off the *hand* and **CLEAR** to exit the measurement tool.



With one endpoint flashing, press **ALPHA** to activate the *hand*. Use **↑↓←→** to change the location of the endpoint of the segment. Since the midpoint has been marked, the measurements will change as the segment changes.



Exit the APP using F1 and selecting Quit, or by pressing **2nd** **MODE** for **QUIT**.