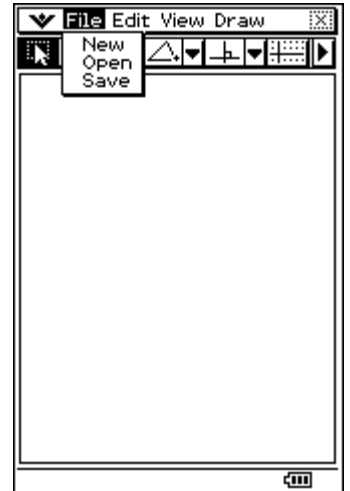


Classpad Help Series sponsored by Casio Education Australia		www.casioed.net.au	
702	Geometry - Line Segment A To B	Author	Charlie Watson
		Date	21 Dec 2007
		CPM OS	03.01.3000.0240


To draw a line segment from A(-1, -3) to B(4, 2)

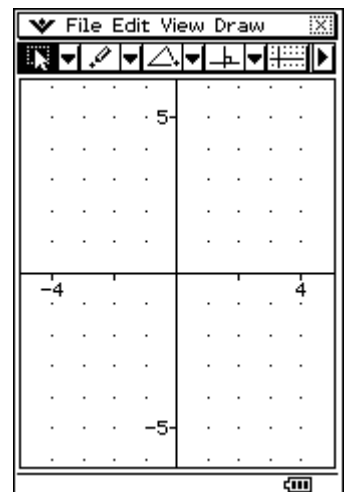
From the Menu, start the Geometry application.

Start a new geometry file - tap **File, New** and then **OK** if prompted.



Prepare the geometry window

Tap several times on  until the axes, scale and integer grid are displayed as shown.



Select the Line Segment tool

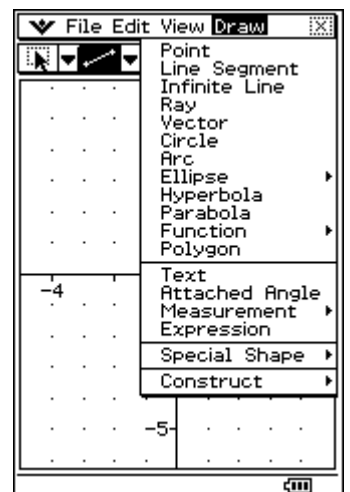
Either tap **Draw, Line Segment**

or

tap the second down arrow



and tap the line segment tool



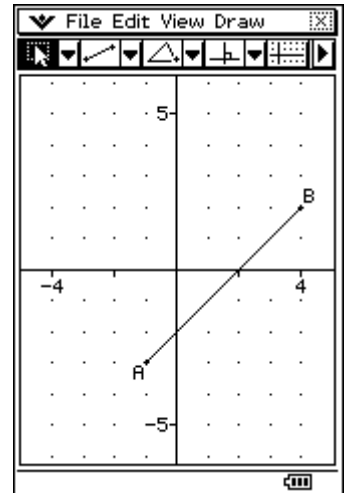
Draw the line segment from A(-1, -3) to B(4, 2)

Tap near (-1, -3) and notice that in the bottom right hand corner of the screen (in the status bar), as you tap, the coordinates (-1, -3) are momentarily displayed.


This is because with the integer grid visible, Classpad will always place points on the nearest grid point to that tapped on the screen.

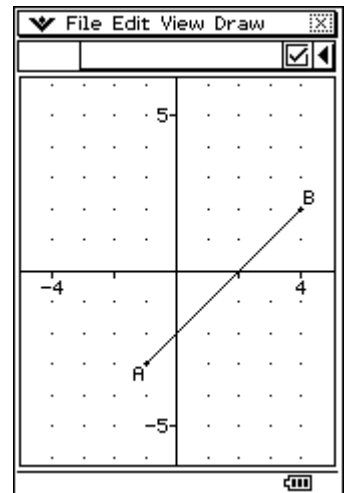
Now touch the screen and drag the pen around until (4, 2) is displayed in the status bar. Once you are at (4, 2) release the pen and the line is complete.

Finally, tap on the Select tool



To find the length of AB

Tap the arrow  at the far right of the toolbars to display the measurement toolbar.



Tap once on a blank part of the screen to deselect everything and then tap once towards the middle of the line to select it.

The length is displayed in the measurement toolbar as 7.071068

