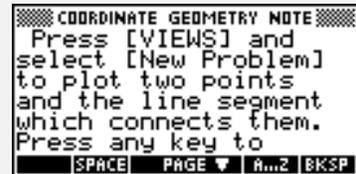


**Objectives:**

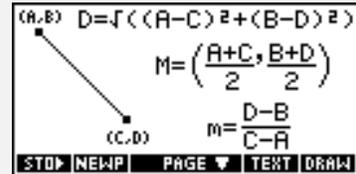
Using the **COORDINATE GEOMETRY** applet, the student will find the midpoint, distance, and slope of a given line segment.

**Functionality:**

When the student presses **START**, the **COORDINATE GEOMETRY NOTE** will be displayed.



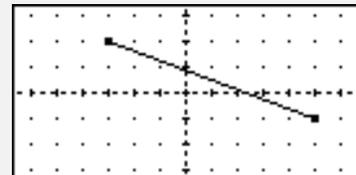
After reading the note, the student should press **SKETCH** for further explanation.



**VIEWS** allows the student to select a new problem and enter the distance, midpoint, or slope of the new line segment.



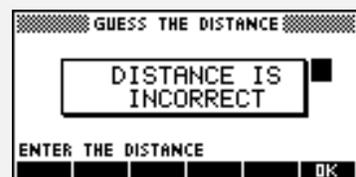
**New Problem** will randomly generate a line segment.



**Guess Distance** will prompt the student to enter the distance of the given line segment.



When the distance is entered, a message box will display the status of the entered information.





Ideas can be applied to:

Algebra I, Geometry, Algebra II, Precalculus

Programs associated with this applet:

.DMS.NL, .DMS.DF, .DMS.GM, .DMS.GS, .DMS.ST, .DMS.SV