

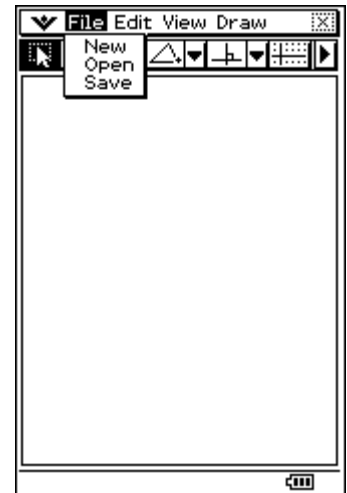


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714	Geometry - Solve Triangle 1	Author	Romaine Saunders
		Date	20 Dec 2007
		CPM OS	03.01.3000.0240


Solve triangle ABC given two sides and the included angle.

Tap  and then tap   
 Geometry



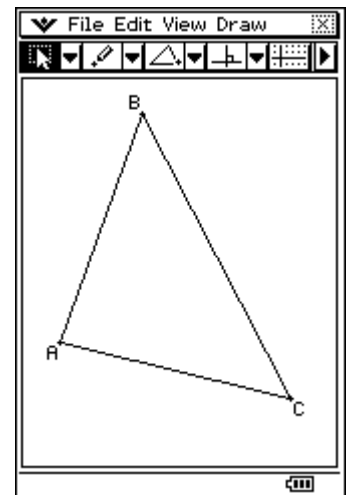
Start a new geometry file, tap **File, New** and then **OK**.

**Draw a triangle:**


Tap the triangle icon 

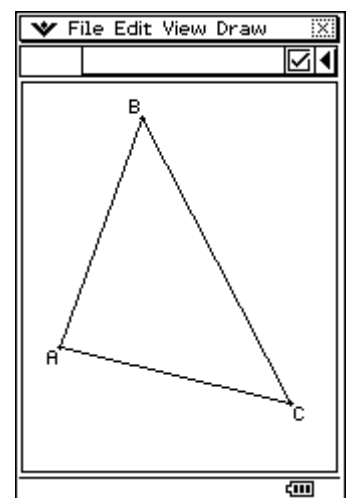
Either tap anywhere on the screen

or, tap the screen and drag the stylus to form a box.



To deselect, tap in a blank part of the screen.

Tap the right arrow  at the far right of the toolbars to display the information box.



**To set the given constraints:**

**Length of a side AB = 4**

tap on side AB, tap on the length, type 4, tap the tick

To deselect side AB, tap in a blank part of the screen.

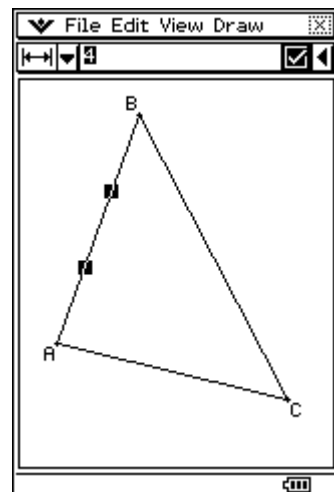
**Length of a side BC = 6**

tap on side BC, tap on the length, type 6, tap the tick

To deselect side BC, tap in a blank part of the screen.

**Angle ABC = 56°**

tap on sides AB and BC, tap on the angle size, type 56, tap the tick



**NOTE: With nothing selected the + (zoom in) , - (zoom out) and = (auto scale) keys can be used to rescale the triangle to quickly fit the screen.**

**To determine the remaining features:**

Tap in a blank part of the screen.

**Length of AC:** tap on side AC

**Size of angle BAC:** tap on sides AC and AB

Tap in a blank part of the screen.

**Size of angle ACB:** tap on sides AC and BC

