

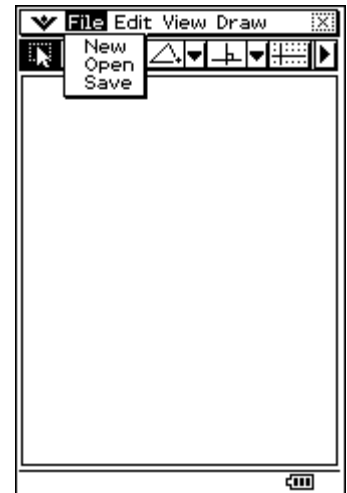


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715	Geometry - Solve Triangle 2	Author	Romaine Saunders
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		CPM OS	03.01.3000.0240


Solve triangle ABC given two sides and a non-included angle.

Tap  and then tap 
 Geometry



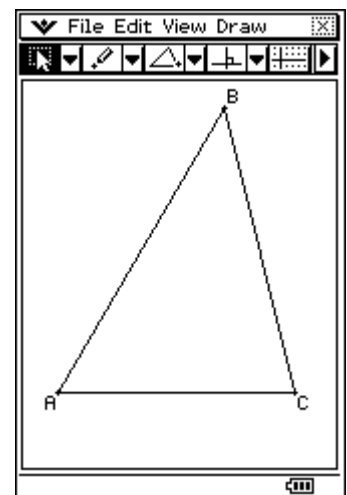
Start a new geometry file, tap **File**, **New** and then **OK**.

Draw a triangle:


Tap the triangle icon 

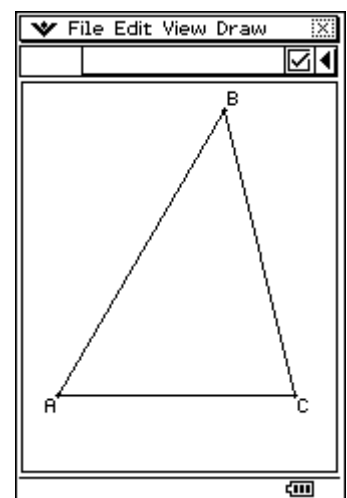
Either tap anywhere on the screen

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 = 10

tap on side AB, tap on the length, type 10, tap the tick

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

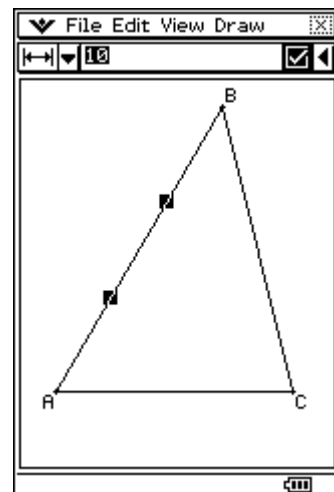
Length of a side BC = 9

tap on side BC, tap on the length, type 9, tap the tick

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

Angle ACB = 63°

tap on sides AC and BC, tap on the angle size, type 63, 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 ABC: tap on sides AB and BC

