

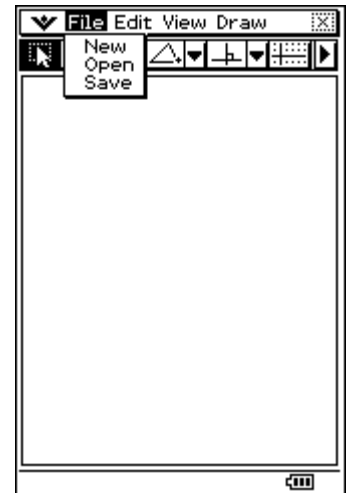


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716	Geometry - Solve Triangle 3	Author	Romaine Saunders
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		CPM OS	03.01.3000.0240


Solve triangle ABC given three sides.

Tap  and then tap 
 Geometry



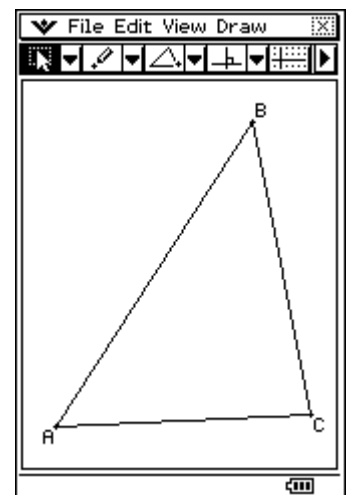
Start a new geometry file, tap **File, New** and then **OK**.

Draw a triangle:


Tap the triangle icon 

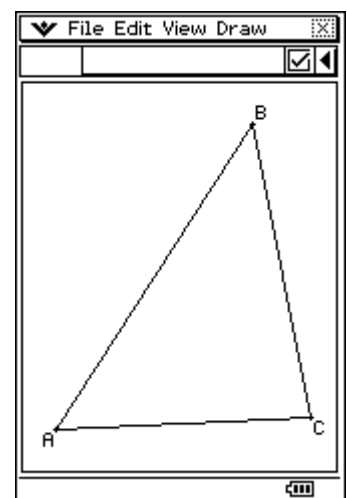
Either tap anywhere on the screen

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 = 7.5

tap on side AB, tap on the length, type 7.5, tap the tick

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

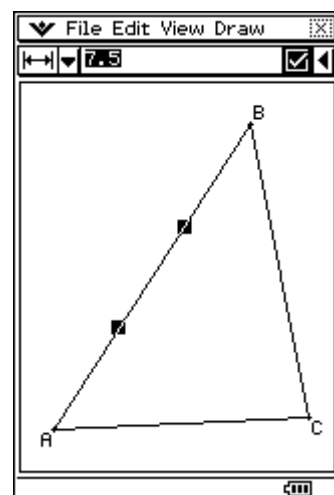
Length of a side BC = 4.6

tap on side BC, tap on the length, type 4.6, tap the tick

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

Length of a side AC = 8.7

tap on side AC, tap on the length, type 8.7, 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.

Size of angle ABC: tap on sides AB and BC

Tap in a blank part of the screen.

Size of angle BAC: tap on sides AB and AC

Tap in a blank part of the screen.

Size of angle ACB: tap on sides AC and BC

