


Draw a triangle with sides of 9 cm and 12 cm and non-included angle of 36° .

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

Select the triangle tool .

Tap and drag the stylus to create a box and release.

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

Tap on side AB, tap on the measurement in the toolbar and change it to 9.

Deselect all sides and repeat for side BC, setting length to 12.

Tap View, Zoom to Fit if your triangle becomes too large for the drawing area.

Select the two sides that meet at C, one after another, tap on the measurement in the toolbar and change it to 36.

Now measure any unknown length, angle or the area of the triangle by selecting appropriate sides.

Another solution exists for this triangle, in which A is closer to C than shown.

Deselect all, tap once on the vertex A and release. Tap back onto A and drag it *towards* C and then release.

Return to previous solution by dragging A *away* from C.

