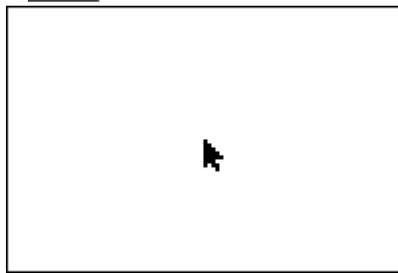Creating an APPVAR: TRIINEQ

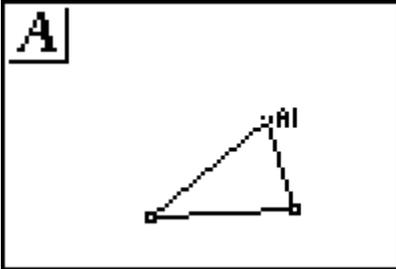| After turning on your handheld press	Select CabriJr.
APPS	**5**
APPLICATIONS 1:Finance… 2:ALG1CH5 3:ALG1PRT1 4:AreaForm 5:CabriJr 6:CBL/CBR 7↓CelSheet	Cabri Junior Press a key… © CabriLog 2.00 www.cabri.com
Y= scroll to New	**ENTER**
F1 Animate Undo ▶ Help ▶ New Open… Save Save as… Quit	
WINDOW ⌃ ⌃	**ENTER**
F2 Point ▶ Line Segment Circle Triangle Quad.	
	Now select three points and draw the triangle.
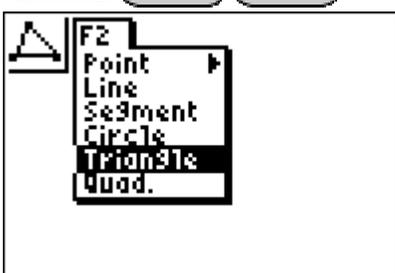
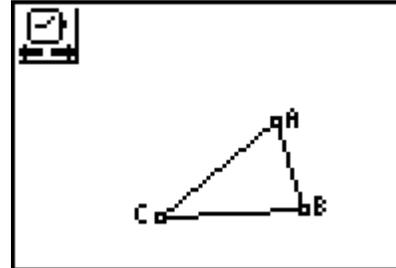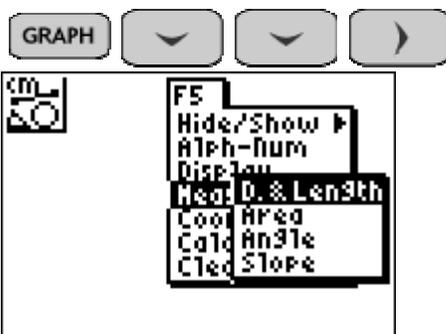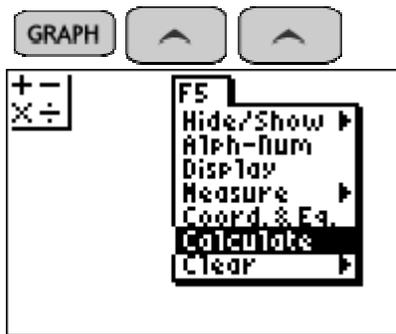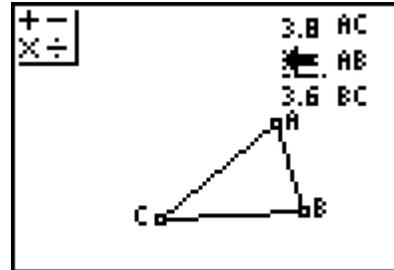|	
Place the triangle in the bottom half of your screen.	Label the vertices GRAPH ⌄
Move the cursor to a vertex so that the vertex becomes "active" press ENTER to create a text cursor and name the point.	Continue until all vertices are labeled.
Find the measures of AC, AB, and BC GRAPH ⌄ ⌄ ⟩	Once you have the measures drag them to an open area and write an appropriate label. 3.8 AC 2.3 AB 3.6 BC
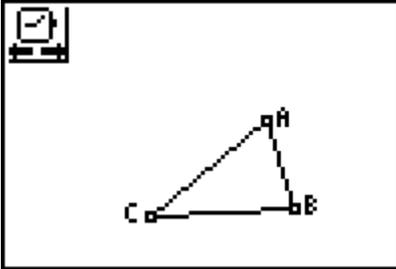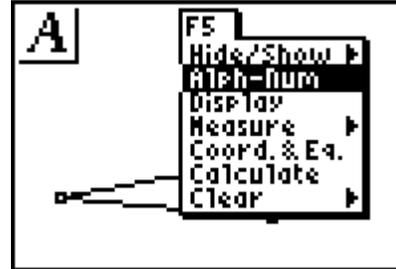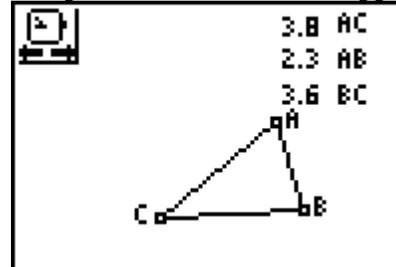
Now find the sum of two sides using the calculate tool. GRAPH ^ ^ +− ×÷ F5 Hide/Show ▶ Alph-Num Display Measure ▶ Coord.& Eq. **Calculate** Clear ▶	Finding the sum AB+BC Select the measure of AB by moving the cursor over the number +− ×÷ 3.8 AC ← AB 3.6 BC A C B ENTER
Now move the cursor over the measure of ENTER BC and press +− ×÷ 3.8 AC 2.3 AB ← BC A C B You will notice that both numbers are "flashing"	Press ➕ and drag the result on line with the measure of AC +∶∶ ∶∶∶ ✎5.9 3.8 AC 2.3 AB 3.6 BC A C B Continue for the remaining sums
Make appropriate labels and positions AB+BC 5.9 3.8 AC AC+BC 7.4 2.3 AB AB+AC 6.1 3.6 BC ▶ A C B	This is the finished product that the student should receive and work with to answer the questions on the student worksheet.
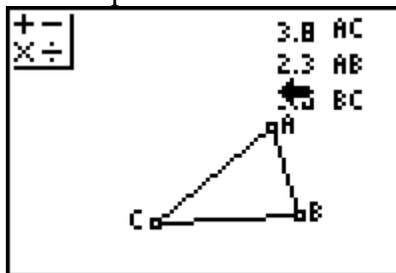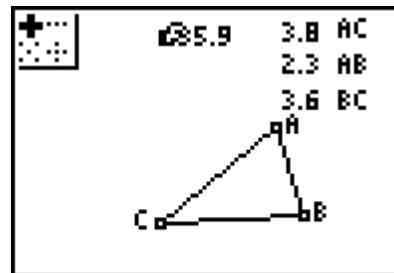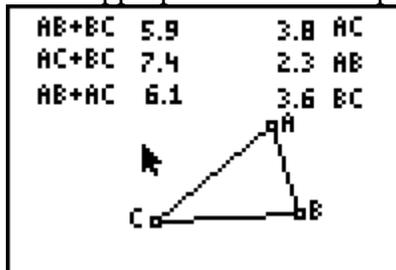
For student exploration you will want to give them the finished product. Creation of the APPVAR is a good extra credit project.