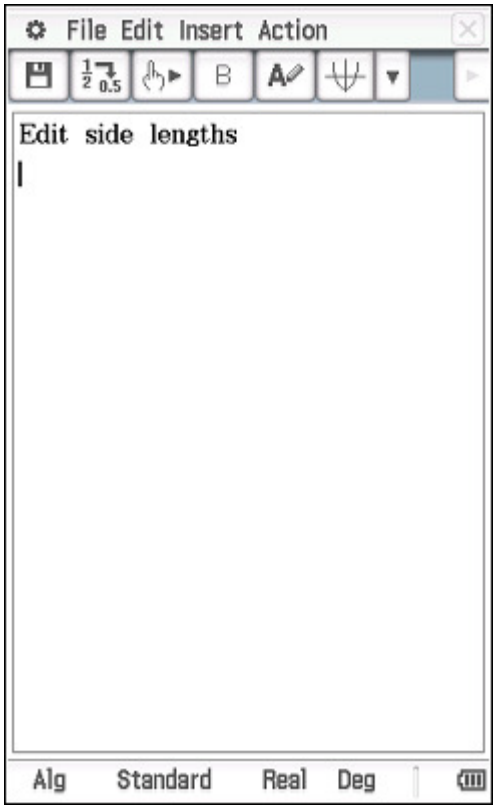
ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP632	Cascade Style eActivity		Date	April 2015
			CPII OS	02.00.2000.0000

Many math problems have multiple steps in their solution. When these steps are always the same, an eActivity can be created to quickly solve such problems.

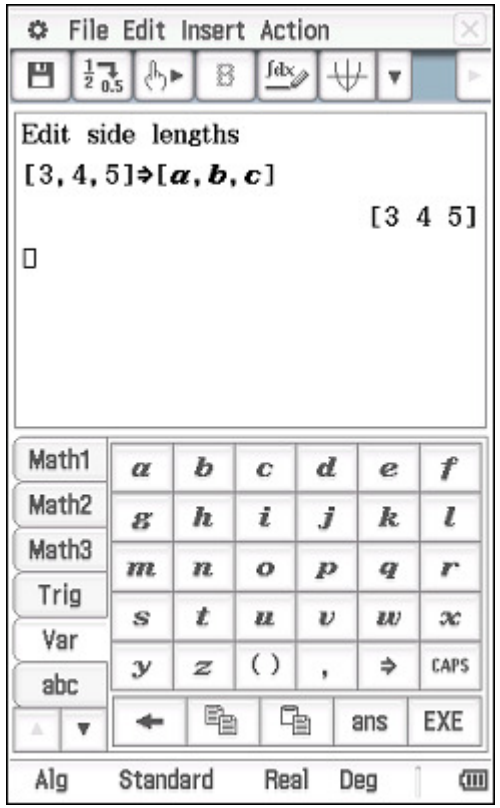
In this example, Herons method to find the area of a triangle when three side lengths are known is used.

Start a new eActivity and enter the text shown on the first line and tap EXE.



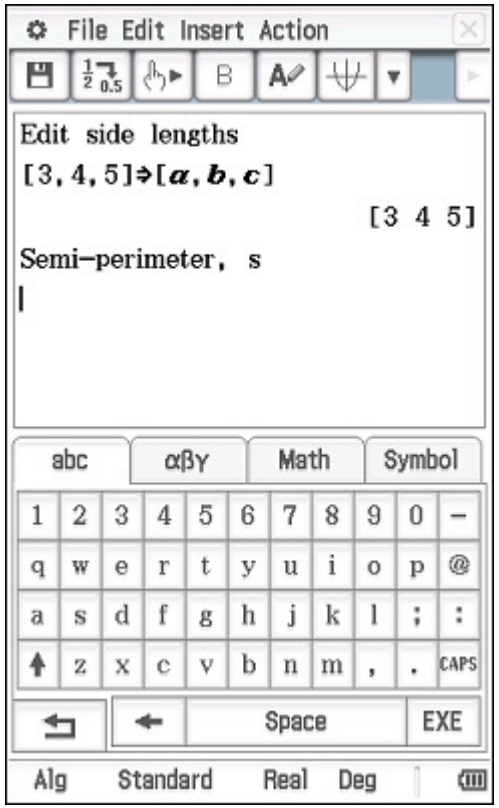
Next we will store (using ⇒)the numbers 3, 4 and 5 into the variables *a*, *b* and *c*, where these are the side lengths of the triangle.

Tap the A icon to change from text to math mode and complete the next line and tap **EXE.**



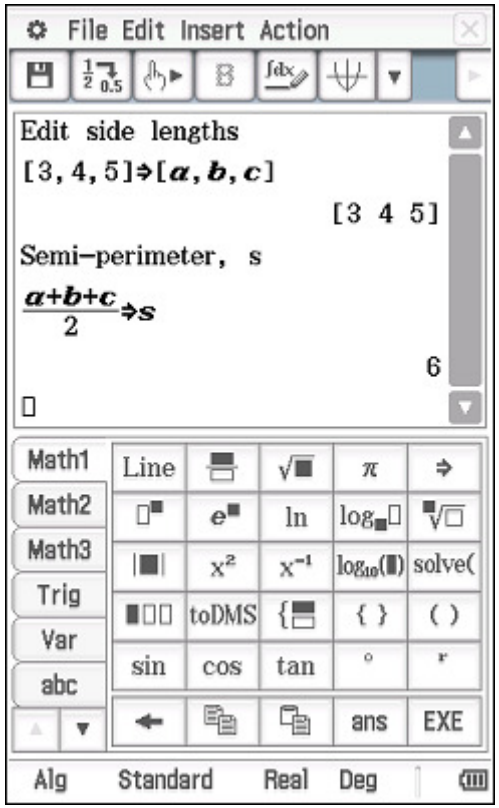
Tap the A icon to change back to text mode.

Enter 'Semi-perimeter, s' and tap **EXE**.



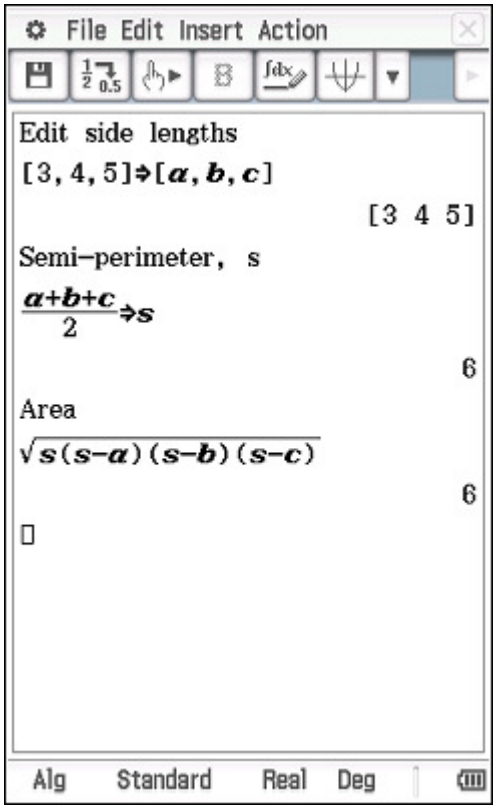
Tap the A icon to change to math mode.

Enter the expression shown and tap **EXE**.



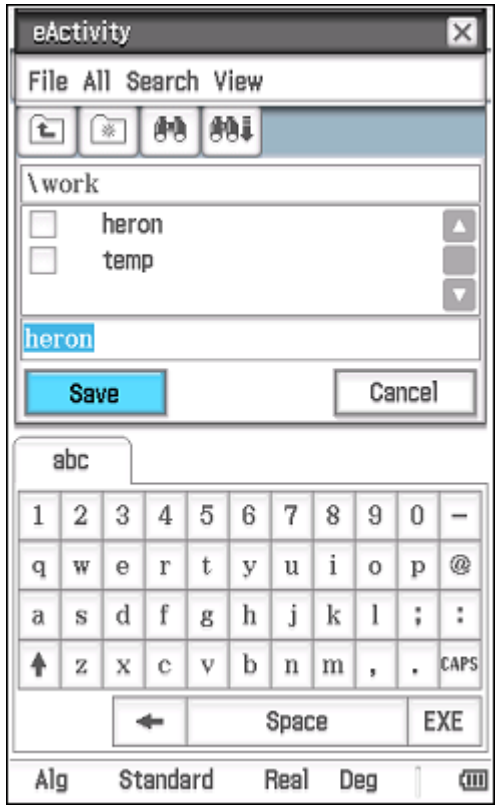
Repeat the previous steps to calculate the area.

Take care to use the icon to set up each line for either text or math.



Tap **File, Save As**.

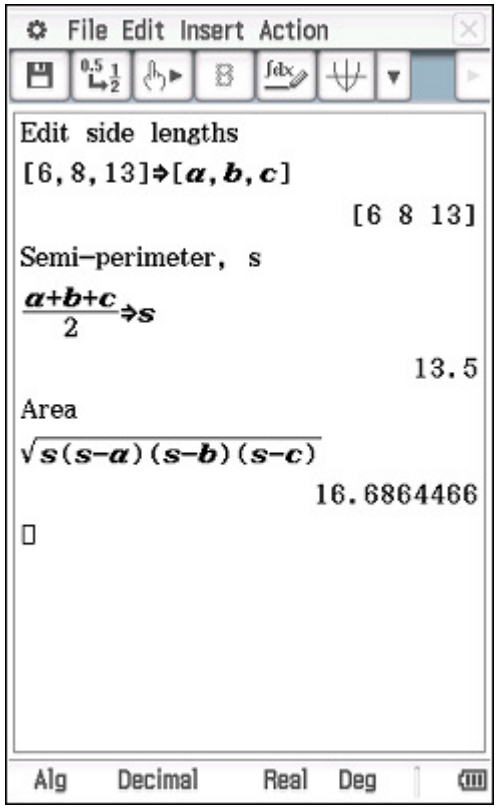
Enter a suitable name and tap **Save**.



Return to the top of the eActivity and change the three side lengths.

In the example shown we have chosen 6, 8 and 13. Tap **EXE** while still on this line.

The semi-perimeter and area are both re-calculated.



Try some other values that might represent the side lengths of a triangle.

After tapping **EXE** at the top of an eActivity, Classpad 'cascades' down the screen, updating intermediate math results and ignoring text lines.