**![MCj03679680000[1]]()**

**MODULE II**

1. Load Excel Template: [Exploring Area and Perimeter](http://sitebuilder.yola.com/sites/S3/D593/D264/D3fb/D5aa/U8a4986cb22a977750122aa5bf3462395/8a49866a2729b66801272b55d2431289/resources/Area%20Perimeter%20Volume.xlsx)
	1. Note dimensions for rectangles have already been entered
	2. There are two titled sheets, Area and Perimeter
	3. Go To AREA sheet
		1. Go to Cell F11, and using the equation in 7 above for a guide, write a formula to calculate AREA, and record your formula here:
		2. Hint: \* is multiplication in Excel©
		3. Copy F11 down the column to calculate remaining values
	4. Go to PERIMETER sheet and repeat steps under C above for Perimeter. Record formula here:
2. Based on the values generated, can you make an educated guess about how the graphs we generate from the AREA and PERIMETER sheets will compare? What will they look like (use descriptive terms such as increasing or decreasing, steep slope, curve opening in a certain direction)?
3. Which values are larger, area or perimeter (highlight correct answer)? In your own words, how do you explain this?

BONUS: Show an alternative way to write a formula for perimeter than the one you used in letter d. above: