Name	Date
	Toothpicks II
Figure 1 Figure 2	Figure 3 Figure 4
1. Extending the pattern how you figured the figured the second s	tern, what is the perimeter of Figure 5 ? Show or explain his out.
 How many toothpi how you figured the 	icks are needed to make Figure 6 ? Show or explain his out.
3. How did you decid	de how each new figure in the sequence is made?
	nat you could use to find the perimeter of any Figure N. riables represent. Explain how you figured this out.
	nat you could use to find the total number of toothpicks ny Figure N. Tell what your variables represent. Explain his out.