




# Toothpick Patterns

Student Name: \_\_\_\_\_

Handout

1

Design Number	Toothpick Pattern	# Toothpicks	# Squares
1		4	1
2			
3			
4			
5			

1. Draw designs #4 and #5. How many toothpicks would you need to create the *fourth* and *fifth* design?
2. Complete the table for each design.
3. Do you see any patterns? If so, describe them.