## WHICH THREE LINE SEGMENTS MAKE A TRIANGLE?

Na	ame:	Date:	Period:		
Group Members:					
Ea	Each student or group of students needs a few pieces of dried spaghetti.				
1.		eak a piece of spaghetti into three pieces and try to make a triangle with them. Did it work? Try again wit ferent pieces of spaghetti until you have made two different triangles. Keep track of which DO and which NOT make a triangle.			
	Pieces that DO make triangles have this in comn	non:			
	Pieces that DO NOT make triangles have this in o	common:			

2.	Make a conjecture: In order to make a triangle
3.	Justify your conjecture using diagrams and what you know about triangles.
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