Name:	_ Date	Adams / Evans Period
BERNOULLI WOS	a "Bird-Brain"	
You are working with triangles and the st tetrahedral. Working this sheet as you go principles of geometry. You will need a ru 1. You have just connected 3 straws to Record all the facts you know about	olids that Can be Construct > will help you find out man uler, and a protraCtor. > make a triangle. t it.	ted from them y interesting
Number of sides?	Length of each side =	
All sides are	Height of the triangle = _	
This is a(n)	triangle.	
		A

2.	By adding two more straws, y Record all the facts you kno	vou have a p< w about it.	В
	Number of sides? All sides are	_ Length of each side = Height of the rhombus =	с с
	AB is	to \overline{CD} (direction) \overline{AD} is	to \overline{BC} (direction)
	A rhombus is a type of a(n) _ Area of the rhombus=		

Area = bh

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Na	me:	Date	Period
3.	When you added the This is 3-dimensional It is a What is the ratio of 0	last straw, you made a tetra Figure having length, width, tetrahedron Called a covered sides to total numbe	hedron. and height. er of sides?
	How many triangular	faces does it have?	All sides are
	Measure the length:	Width:	Height:
	What is the Surface.	Area of the tetrahedron?	

4.	When the kite is assembled,	what shape is		
	How many triangular faces does it have?		All sides are	
	Measure the length:	Width:	Height:	
	What is the Surface Area of the tetrahedron?			
	What is the ratio between covered and uncovered triangles in the whole kite?			

The entire kite	is "similar"	to one cell.
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What is the same? _____

What is different _____