	Name:	S	Section:	
For the following project, use Construct a right pyramid wit measures 6 cm. Make your py	th a base that is a regula	ar pentagon such	that each edge o	f the pentagon
Length of side of pentagon: 6 The dotted line in the sketch is and goes to the center of the Length of dotted line in sketch Prepare the following to turn	is perpendicular to the see pentagon. h: 4.13 cm in:	side of the pentag	gon	6 cm
Work to find the area of the p	entagonal base:			
Area of the pentagonal base to subsequent calculations.	o the nearest 0.1 cm <sup>2</sup> .	1	Note: Use this ro	unded number for
Measure the height of the pyr upside down pyramid) to the (Please note that this is NOT instructor if you are unsure of	nearest 0.1 centimeter: the same as the length			·
Work to find the volume of the	ne pyramid:			
<u>Volume</u> of the pyramid to the	nearest 0.1 cm <sup>3</sup> :			
Length of altitude of face (sug	ggested by dotted line i	n sketch) to the r	nearest 0.1 cm: _	
Work to find the area of one t	riangular face:		Fac	ce:  6 cm
Area of one triangular face to	the nearest 0.1 cm <sup>2</sup> :			o em
Use that answer in your work	to find the surface area	a of the pyramid.	Include labels.	
Surface area of the pyramid to 2013/2014	the nearest 0.1 cm <sup>2</sup> : _		_	