

## MATH 111: QUIZ #2

1. (1/2 points each, 3 points total) Fill in the blanks in the following table:

Platonic solid	Number of Faces	Type of polygon on each face
Tetrahedron	4	Triangle
		Square
Octahedron	8	
Icosahedron		Triangle
	12	

2. If a polyhedron has 25 vertices and 13 faces, how many edges must it have?

3. What does a 0-dimensional space look like? (Answer in words, or draw a picture!)