

NCTM Content Standards Assessment Rubric



Geometry

Student's Name: _____ Assignment: _____ Level: _____

	Level 1	Level 2	Level 3	Level 4
Understanding Numbers, Ways of Representing Numbers, Relationships Among Number Systems	<ul style="list-style-type: none"> • Demonstrates a limited understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> • Demonstrates a basic understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> • Demonstrates a good understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> • Demonstrates a thorough understanding of numbers, ways of representing numbers and relationships among number systems
Understanding Meanings of Operations and How They Relate to One Another	<ul style="list-style-type: none"> • Demonstrates a limited understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> • Demonstrates a basic understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> • Demonstrates a good understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> • Demonstrates a thorough understanding of the meanings of operations and how they relate to one another
Computing and Making Estimates	<ul style="list-style-type: none"> • Demonstrates limited ability in computing and making estimates 	<ul style="list-style-type: none"> • Demonstrates some ability in computing and making estimates 	<ul style="list-style-type: none"> • Demonstrates satisfactory ability in computing and making estimates 	<ul style="list-style-type: none"> • Demonstrates strong ability in computing and making estimates

STRENGTHS:


WEAKNESSES:

NEXT STEPS:



Task Sheet 5

5) Make five different shapes. Count the number of sides and corners (vertices) on each shape.

Shape	Sides	Corners
Example: circle 	0	0

SAMPLE

NAME: _____



Drill Sheet 2

2) Count the number of faces, sides and vertices (corners) on each shape



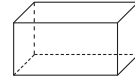
a) Pyramid

_____ faces
_____ sides
_____ vertices



b) Cube

_____ faces
_____ sides
_____ vertices



c) Prism

_____ faces
_____ sides
_____ vertices

Where is each shape located?



- d) The square is _____ to the circle.
- e) The triangle is _____ the circle and the rectangle.
- f) The rectangle is _____.
- g) Draw the following: A circle on top of a square. The circle is in between a triangle and a rectangle.



Equal Parts



a) Divide each square into two equal parts.



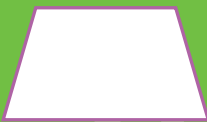
b) Divide each triangle into two equal parts.



c) Divide each hexagon into two equal parts.



d) Divide the trapezoid into three equal parts.



e) Divide each diamond into two equal parts.



f) Divide each rhombus into two equal parts.



SAMPLE