

NCTM Content Standards Assessment Rubric



Geometry – Drill Sheets

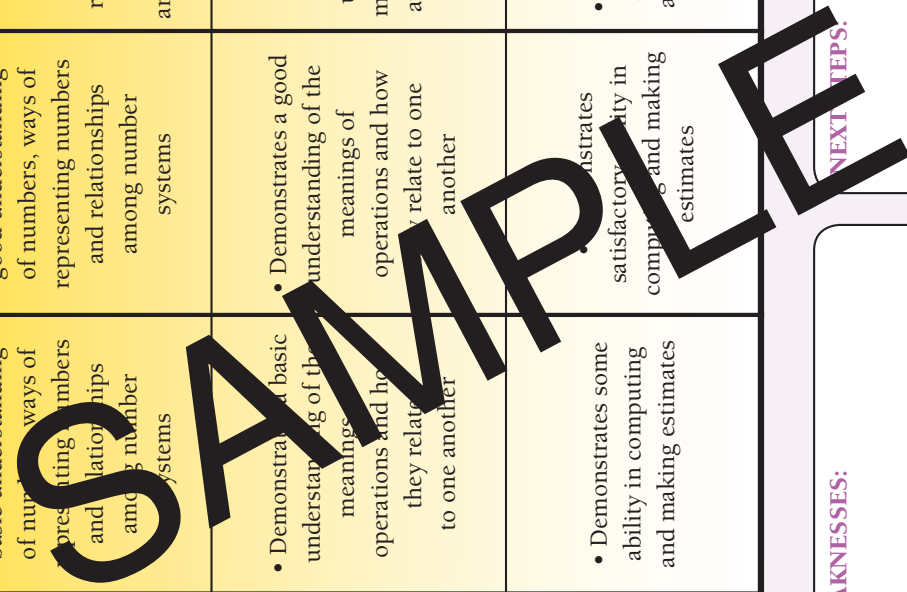
Student's Name: _____ Assignment: _____ Level: _____

	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

WEAKNESSES:

STRENGTHS:

NEXT STEPS:



NAME: _____



3a) Complete the following patterns?

Ex: ☆ ○ □ ♥ ☆ ○ □ ♥

1) ○ △ ○ △ ○ _____

2) ♥ ♥ □ ♥ ♥ _____

3) ☆ □ ○ ☆ □ _____

4) ■ □ ○ △ ■ _____

5) ↗ ↘ ↗ ↘ _____

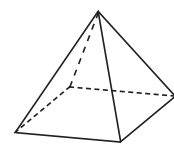
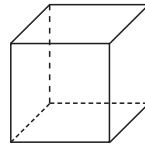
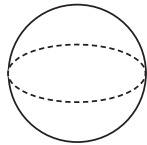
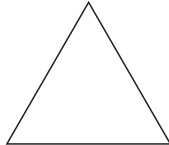
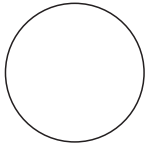
6) ○ ● ● ○ ● _____

b) Using three different shapes, make your own pattern.



Review C

a) Find the position of each shape in the pattern below.



1) What shape is **second**?

1. circle

2. square

3. triangle

2) What shape is **fifth**?

1. square

2. triangle

3. cube

3) What shape is **in between** the sphere and the square?

1. triangle

2. circle

3. cube

4) What shape is **before** the sphere?

1. triangle

2. circle

3. cube

b) What shape has six sides? _____

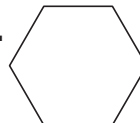
1.



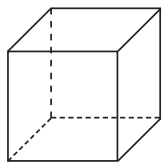
2.



3.



c) How many corners are on a cube? _____

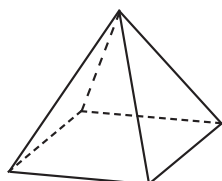


1. 6

2. 8

3. 10

d) How many faces on a pyramid? _____



1. 5

2. 7

3. 8

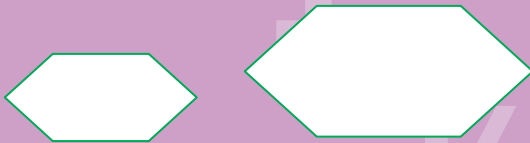
Congruent or Similar



Congruent means two shapes are the same size and same shape. **Similar** means two shapes are either the same size or the same shape, but not both.

Are the shapes below congruent or similar?

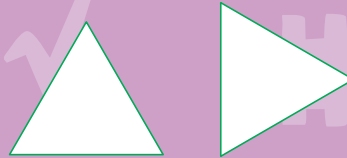
a)



similar

congruent

b)



similar

congruent

c)



similar

congruent

d)



similar

congruent

e)



similar

congruent

f)



similar

congruent

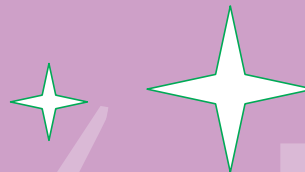
g)



similar

congruent

h)



similar

congruent

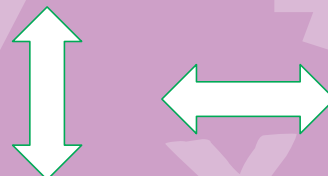
i)



similar

congruent

j)



similar

congruent