

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 a satisfactory ability in computing and making estimates 	<ul style="list-style-type: none"> • Demonstrates strong ability in computing and making estimates

NEXT STEPS:

WEAKNESSES:

STRENGTHS:

SAMPLE

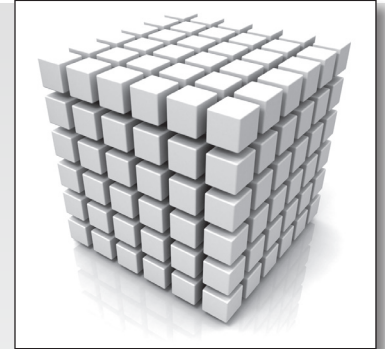
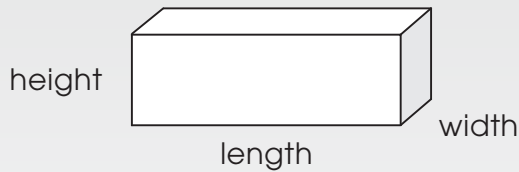


Task Sheet 12

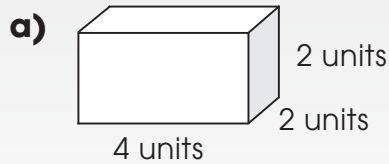
Volume of a Cube or Rectangular Prism

12) To find the volume of a cube or rectangular prism, multiply the length by its width and by its height.

Volume = length x width x height



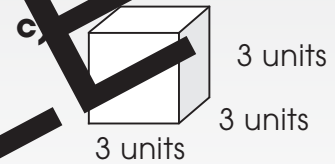
Find the volume of the cubes and rectangular prisms below.



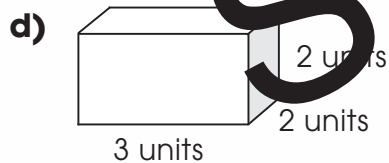
_____ cubic units



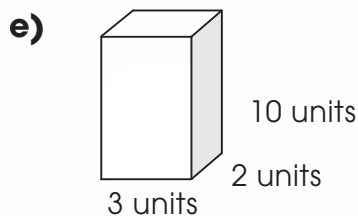
_____ cubic units



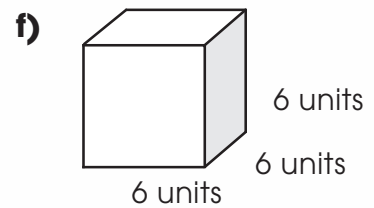
_____ cubic units



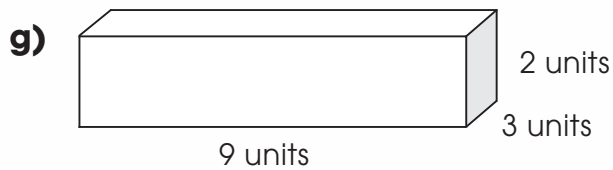
_____ cubic units



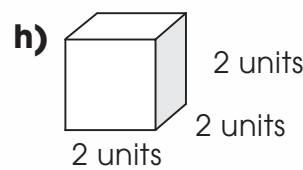
_____ cubic units



_____ cubic units



_____ cubic units



_____ cubic units

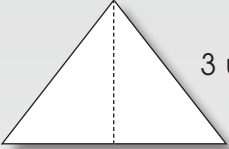
SAMPLE

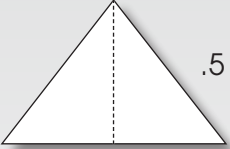
NAME: _____

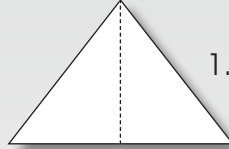


Drill Sheet 2

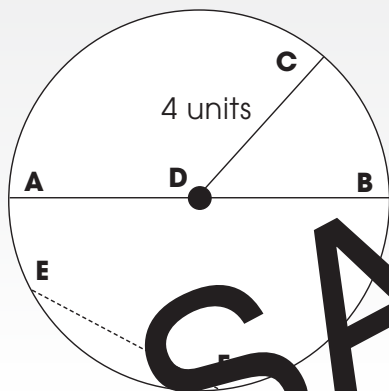
Find the area of each triangle below.

a)  3 units
5 units
_____ square units

b)  5 units
4 units
_____ square units

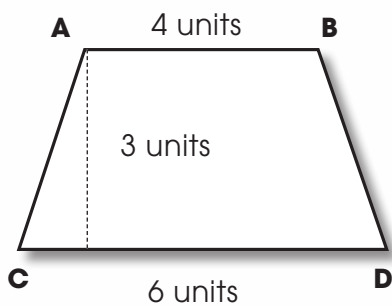
c)  1.5 units
6 units
_____ square units

Use the circle to answer the questions.



- d) Which line segment is the diameter? _____
- e) Which line segment is the chord? _____
- f) Which line segment is the radius? _____
- g) What is the area of the circle? _____
- h) What is the diameter of the circle? _____

Use the shape below to answer the questions.



- i) What is the name of this shape? _____
- j) Which two lines are parallel? _____
- k) What is the height of the trapezoid? _____
- l) What is the area of the trapezoid? _____

Cartesian Plane



Draw a different shape in each quadrant in the grid below. Write the coordinates for each shape.

