

- Get 5 BONUS points for creating a video instead of googling one. Max 10 points

<b>RUBRIC</b>						
	1. All problems solved correctly with units 2. Word problem 3. Explanation 4. 1 fact and 1 website	Missing 1 part Or 1 problem is wrong/has an error	2 problems are wrong/has an error	Missing 2 parts Or 3 problems are wrong/has an error	Missing 3 parts Very little has been done	The entire side is missing
Side 1	20	18	15	10	5	0
Side 1 - Area What's missing or is wrong?						
Side 2	20	18	15	10	5	0
Side 2 - Volume What's missing or is wrong?						
Side 3	20	18	15	10	5	0
Side 3 - Surface Area What's missing or is wrong?						
Side 4	20	15	10	10	5	0
Side 4 - Missing Height What's missing or is wrong?						
Side 5	20	15	10	10	5	0
Side 5 - Irregular Figure What's missing or is wrong?						
Side 6 - Ref	10	5				0
Details	10	8	5			0
Bonus						
Total						

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Page 1	20	18	15	10	5	0
Page 1 - Area What's missing or is wrong?						
Page 2	20	18	15	10	5	0
Page 2 - Volume What's missing or is wrong?						
Page 3	20	18	15	10	5	0
Page 3 - Surface Area What's missing or is wrong?						
Page 4	20	15	10	10	5	0
Page 4 - Missing Height What's missing or is wrong?						
Page 5	20	15	10	10	5	0
Page 5 - Irregular Figure What's missing or is wrong?						
Page 6 - Ref	10	5				0
Details	10	8	5			0
Bonus						
Total						

## Geometry Project

Name \_\_\_\_\_

**Task:** You have been hired by Tutoring Company to create a booklet/brochure/poster to help students review geometry.

Your job is to create a TUTORIAL booklet/brochure/poster with each side displaying the following topics:

- Section/Page ONE-Area of rectangles, parallelograms, trapezoids, and triangles
  - Include one (1) problem for each shape with a written explanation of how to solve the problem (steps) for each shape
  - Create a word problem with a solution for one of the shapes
  - Include facts about finding area.
  - Find a link and write the website for a video about the topic
- Section/Page TWO-Volume of rectangular prism
  - Include one (1) problem for each shape
  - Write one explanation of how to solve volume problems (steps)
  - Create a word problem with a solution for one of the shapes
  - Include facts about finding volume
  - Find a link and write the website for a video about the topic
- Section/Page THREE-Surface area of rectangular prism, triangular prism, and triangle based pyramid
  - Include one (1) problem for each shape
  - Write one explanation of how to solve surface area problems
  - Create one word problem with a solution for one of the shapes
  - Include facts about finding surface area
  - Find a link and write the website for a video about the topic
- Section/Page FOUR:Find the missing height of a Triangle and Rectangular prism
  - Include one (1) problem for each shape
  - Write one explanation of how to solve missing height problems
  - Create one word problem with a solution for one of the shapes
  - Find a link and write the website for a video about the topic
- Section/Page FIVE- Irregular polygon
  - Create an irregular polygon on a coordinate plane
  - Find the Area of the polygon
  - Write an explanation of how to solve the problem
- Section/Page SIX-reference page (Where did you get your ideas for your problems from)

## Geometry Project

Name \_\_\_\_\_

**Task:** You have been hired by Web Design Company to create a website to help students review geometry.

Your job is to create a website with a page on each of the following topics:

- PAGE ONE--Area of rectangles, parallelograms, trapezoids, and triangles
- PAGE TWO-Volume of rectangular prism
- PAGE THREE-Surface area of rectangular prism, triangular prism, and pyramid
- PAGE FOUR-writing an algebraic expression for the perimeter of a polygon
- PAGE FIVE-graphing polygons on a coordinate plane and finding the area of the polygon
- PAGE SIX-reference page

Each page must include:

- An example with a written explanation of how to solve the problem
- A word problem with a solution
- Link to a video about topic OR create a tutorial video of how to solve the problem