
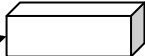







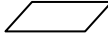






Robot Geometry Project

Assigned: _____ Due: _____

Create a "Geometric" Robot and label the geometric shapes to show your understanding of geometry and volume. Your robot can be made from recycled, purchased, or hand-made figures. The rubric below shows what is expected to earn points. Please check the rubric carefully before you begin and again before you turn in your robot. **This project is due _____**

Points	Expectation	Shapes
_____	1. Robot must have at least 10 solids listed here. You must use at least 5 different solids. You may also use plane shapes for decorations. (20 pts)	Solid Shapes: <ul style="list-style-type: none"> • Cube  • Prism  • Sphere  • Cylinder  • Cone  • Pyramid 
_____	2. Solids and shapes must be labeled to receive credit and volume of each solid needs to be worked out on sheet provided. (40 pts)	Plane Shapes <ul style="list-style-type: none"> • Square  • Rectangle  • Circle  • Parallelogram  • Triangle  • Trapezoid  • Have at least one line of symmetry labeled 
_____	3. Write a paragraph describing how you built your robot at least 1/2 typed page. (10 pts)	<ul style="list-style-type: none"> • Have at least one pair of congruent shapes labeled  (Same size... same shape = congruent)
_____	4. Creativity and construction of your robot will also earn points. Please securely attach all solids and plane shapes (30 pts)	

Name _____

SOLIDS SHEET

Solid Name	Area of the Base	Height	Volume
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			