

What's Inside? *Geometry Project Rubric*

Names: _____

	Unsatisfactory	Proficient	Advanced
Report 20%	<ul style="list-style-type: none"> Did not create a group report or report is missing key components Report is not typed and/or organized Report does not contain details on all four packages Majority of grammar and spelling is incorrect <p>0 ----- 6 ----- 12</p>	<ul style="list-style-type: none"> Created a group report that outlines the following: <ul style="list-style-type: none"> - Project Objectives - Description of package line, including shapes, sizes, material, color, logo, and graphics - Consumer appeal Report is typed and organized Report contains details on all four packages (outlined below) Majority of grammar and spelling is correct <p>14 ----- 15 ----- 16</p>	<ul style="list-style-type: none"> Report is professional in contents and appearance All grammar and spelling is correct Explains how packages are creative, unique, and directed at target audience <p>18 ----- 19 ----- 20</p>
Cylinder 20%	<ul style="list-style-type: none"> Did not use cylinder shape to create a package Did not provide a drawing of the design No 3-d model provided Used incorrect surface area formula Did not identify variable and values used in formula Did not correctly find the surface area Did not find the cost of making the package Did not use the correct volume formula Did not identify the variables and values used in formula Did not accurately find the volume of the package Did not accurately calculate the volume of an oreo Did not correctly determine the number of oreos Did not show all work <p>0 ----- 6 ----- 12</p>	<ul style="list-style-type: none"> Used cylinder shape to create a package Provided a drawing of the design with logo, color, graphics Provided 3-dimensional model for the design Used correct surface area formula Identified variables and values used in formula Accurately found the surface area Accurately found the cost of making the package Used the correct volume formula Identified the variables and values used in formula Accurately found the volume of the package Accurately calculated the volume of an oreo Determined the number of oreos that will fit in the package Showed all work <p>14 ----- 15 ----- 16</p>	<ul style="list-style-type: none"> Description is clear and shows advanced thought on design concept Drawings are all done on computer Design takes into account certain design factors outlined by the group Model is made of the actual material and includes details such as logo, etc. Design is consistent with other designs in the line All calculations are correct <p>18 ----- 19 ----- 20</p>
Cone 20%	<ul style="list-style-type: none"> Did not use cone shape to create a package Did not provide a drawing of the design No 3-d model provided Used incorrect surface area formula Did not identify variable and values used in formula Did not correctly find the surface area Did not find the cost of making the package Did not use the correct volume formula Did not identify the variables and values used in formula Did not accurately find the volume of the package Did not accurately calculate the volume of an oreo Did not correctly determine the number of oreos Did not show all work <p>0 ----- 6 ----- 12</p>	<ul style="list-style-type: none"> Used cone shape to create a package Provided a drawing of the design with logo, color, graphics Provided 3-dimensional model for the design Used correct surface area formula Identified variables and values used in formula Accurately found the surface area Accurately found the cost of making the package Used the correct volume formula Identified the variables and values used in formula Accurately found the volume of the package Accurately calculated the volume of an oreo Determined the number of oreos that will fit in the package Showed all work <p>14 ----- 15 ----- 16</p>	<ul style="list-style-type: none"> Description is clear and shows advanced thought on design concept Drawings are all done on computer Design takes into account certain design factors outlined by the group Model is made of the actual material and includes details such as logo, etc. Design is consistent with other designs in the line All calculations are correct <p>18 ----- 19 ----- 20</p>
Prism	<p>0 ----- 6 ----- 12</p>	<p>14 ----- 15 ----- 16</p>	<p>18 ----- 19 ----- 20</p>

<p>20%</p>	<ul style="list-style-type: none"> • Did not use prism shape to create a package • Did not provide a drawing of the design • No 3-d model provided • Used incorrect surface area formula • Did not identify variable and values used in formula • Did not correctly find the surface area • Did not find the cost of making the package • Did not use the correct volume formula • Did not identify the variables and values used in formula • Did not accurately find the volume of the package • Did not accurately calculate the volume of an oreo • Did not correctly determine the number of oreos • Did not show all work <p style="text-align: center;">0 ----- 6 ----- 12</p>	<ul style="list-style-type: none"> • Used prism shape to create a package • Provided a drawing of the design with logo, color, graphics • Provided 3-dimensional model for the design • Used correct surface area formula • Identified variables and values used in formula • Accurately found the surface area • Accurately found the cost of making the package • Used the correct volume formula • Identified the variables and values used in formula • Accurately found the volume of the package • Accurately calculated the volume of an oreo • Determined the number of oreos that will fit in the package • Showed all work <p style="text-align: center;">14 ----- 15 ----- 16</p>	<ul style="list-style-type: none"> • Description is clear and shows advanced thought on design concept • Drawings are all done on computer • Design takes into account certain design factors outlined by the group • Model is made of the actual material and includes details such as logo, etc. • Design is consistent with other designs in the line • All calculations are correct <p style="text-align: center;">18 ----- 19 ----- 20</p>
<p>Pyramid 20%</p>	<ul style="list-style-type: none"> • Did not use pyramid shape to create a package • Did not provide a drawing of the design • No 3-d model provided • Used incorrect surface area formula • Did not identify variable and values used in formula • Did not correctly find the surface area • Did not find the cost of making the package • Did not use the correct volume formula • Did not identify the variables and values used in formula • Did not accurately find the volume of the package • Did not accurately calculate the volume of an oreo • Did not correctly determine the number of oreos • Did not show all work <p style="text-align: center;">0 ----- 6 ----- 12</p>	<ul style="list-style-type: none"> • Used pyramid shape to create a package • Provided a drawing of the design with logo, color, graphics • Provided 3-dimensional model for the design • Used correct surface area formula • Identified variables and values used in formula • Accurately found the surface area • Accurately found the cost of making the package • Used the correct volume formula • Identified the variables and values used in formula • Accurately found the volume of the package • Accurately calculated the volume of an oreo • Determined the number of oreos that will fit in the package • Showed all work <p style="text-align: center;">14 ----- 15 ----- 16</p>	<ul style="list-style-type: none"> • Description is clear and shows advanced thought on design concept • Drawings are all done on computer • Design takes into account certain design factors outlined by the group • Model is made of the actual material and includes details such as logo, etc. • Design is consistent with other designs in the line • All calculations are correct <p style="text-align: center;">18 ----- 19 ----- 20</p>