

Good luck to: \_\_\_\_\_ Period: \_\_\_\_\_

THIS PAGE must be submitted to your teacher with the information filled in.  
In addition, a copy of your project will be submitted in Google Classroom by the given due date:

**DUE DATE** *Wednesday, January 9, 2019*

Last day to submit: *Friday, January 11 (10% subtracted from grade for each day the project is late as per school policy)*

**Write your equations in the table below.**

**You can hand write using One-Note or you can type in using Equation Editor.**

<b>Equation</b>	<b>Description of graph's shape</b>	<b>Domain</b> (interval notation)	<b>Range</b> (interval notation)
<b>1.</b>			
<b>2.</b>			
<b>3.</b>			
<b>4.</b>			
<b>5.</b>			
<b>6.</b>			
<b>7.</b>			
<b>8.</b>			
<b>9.</b>			
<b>10.</b>			

## PRECALCULUS GRAPHING PROJECT SCORING RUBRIC

Total Possible Points	Category	Comments	Your Score
5	<b>Function Break-down</b> <ul style="list-style-type: none"> <li>➤ At least one trigonometric function</li> <li>➤ At least two curved functions/relations</li> <li>➤ At least one linear function</li> <li>➤ At least 4 different equations</li> <li>➤ At most 10 equations</li> </ul>		
10	<b>Function Table Accuracy</b> <ul style="list-style-type: none"> <li>➤ Function equations are accurate and in appropriate constraints</li> <li>➤ Function domains are accurate and in interval notation</li> <li>➤ Function ranges are accurate and in interval notation</li> </ul>		
4	<b>Graph</b> <ul style="list-style-type: none"> <li>➤ Functions are graphed neatly and correctly (e.g. lines that are supposed to meet, do, etc.)</li> <li>➤ Colors of equations are used to distinguish between the various functions on the graph</li> </ul>		
3	<b>Creativity</b> <ul style="list-style-type: none"> <li>➤ Picture is new, unique and shows a personal touch</li> <li>➤ Graph is colorful</li> <li>➤ WOW factor...graph is well crafted and designed with a distinct style, but is still appropriate for the purpose and intended audience</li> </ul>		
3	<b>Technical Aspects</b> <ul style="list-style-type: none"> <li>➤ Submitted to Google Classroom by deadline</li> <li>➤ Submitted a colored-in version of picture by deadline...you may use One-Note to color an electronic copy or use art supplies to color a hard copy</li> <li>➤ Submitted a hard copy version of Function Table</li> </ul>		
<b>Total Score:</b> _____			<b>25 points</b>