

## Proportional Relationships Tree Map Rubric

**Content Objective:** I can **create** a table, graph, and equation that represents a proportional relationship by using a treemap and writing a paragraph.

**Language Objective:** I can **write and orally explain characteristics** of tables, graphs and equations that represent a proportional relationship by using the terms:  
**Proportional Relationship**      **Constant of Proportionality**  
**Point of Origin**      **Ratio/Unit Rate**

Representation	Possible Pts	Points Earned
<b>Table</b>		
<ul style="list-style-type: none"> <li>Table of a proportional relationships (four inputs/outputs)</li> </ul>	2	
<ul style="list-style-type: none"> <li>Constant of Proportionality calculations (K) for each set of data</li> <li>(show work for each)</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>Clear and concise</b> explanation of characteristics of a table that represents a proportional relationship      <b>Highlight Key Terms</b></li> </ul>	2	
<b>Graph</b>		
<ul style="list-style-type: none"> <li>Graph of a proportional relationship (linear &amp; crosses origin)</li> </ul>	2	
<ul style="list-style-type: none"> <li>Label key information on graph</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>Clear and Concise</b> Explanation of a graph that represents a proportional relationship      <b>Highlight Key Terms</b></li> </ul>	2	
<b>Equation</b>		
<ul style="list-style-type: none"> <li>Equation of a proportional relationship</li> </ul>	2	
<ul style="list-style-type: none"> <li><b>Clear and Concise</b> Explanation of an equation that represents a proportional relationship      <b>Highlight Key Terms</b></li> </ul>	2	
<b>Paragraph</b>		
<ul style="list-style-type: none"> <li><b>Explain characteristics</b> of tables, graphs and equations of proportional relationships. (Include <b>TOPIC &amp; CONCLUDING sentence and transition words</b>) <b>Use color with purpose &amp; highlight key terms.</b></li> </ul>	5	
<b>NEAT/LEGIBLE with Name(s)/Date/Hour on the Back</b>	4	
<b>Total SUMMATIVE Points</b>	25	

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