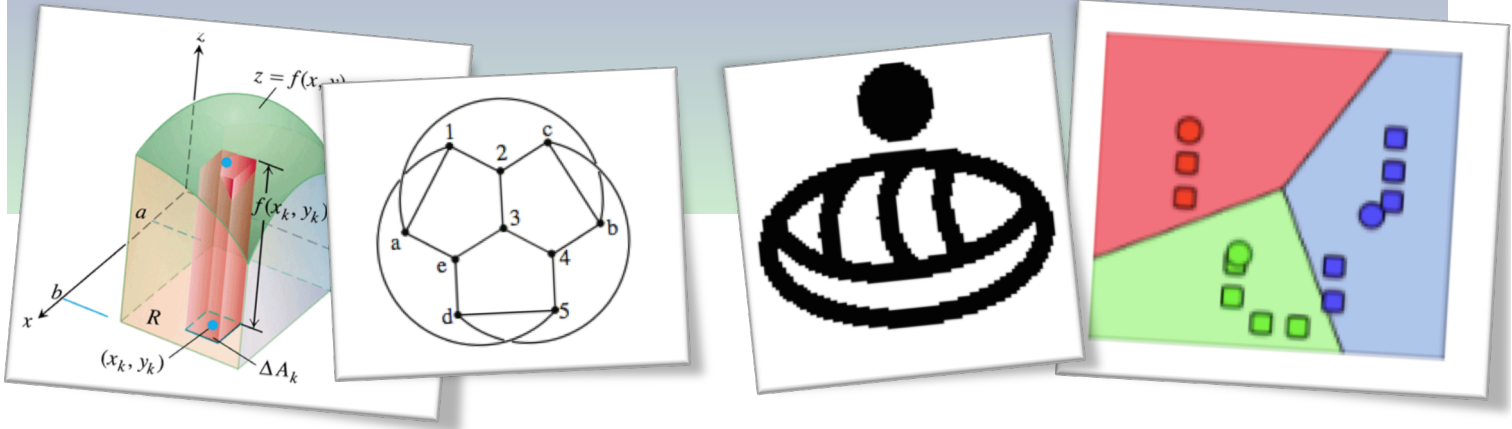


# Math (Enthusiast) Series

Joy 114 @ 3:15 unless otherwise indicated



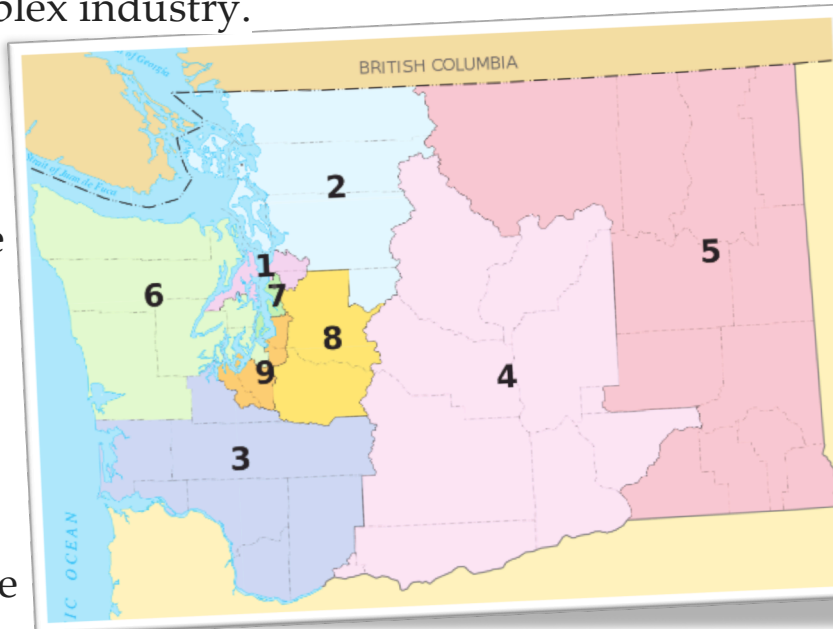
Everyone interested in mathematics is welcome to attend TMath 450's presentations most Tuesdays of Winter quarter (and some Thursdays!)

1/16/18 @4:05pm | Jose Bonilla-Bartley (Heartland Express, Pricing Analyst)

## Graph Theory: A Connection between Theory & Industry

Freight Distribution is a vital industry that interacts with our daily lives. The ability to efficiently allocate goods and resources throughout the country is becoming increasingly dependent on applying mathematics to this complex industry.

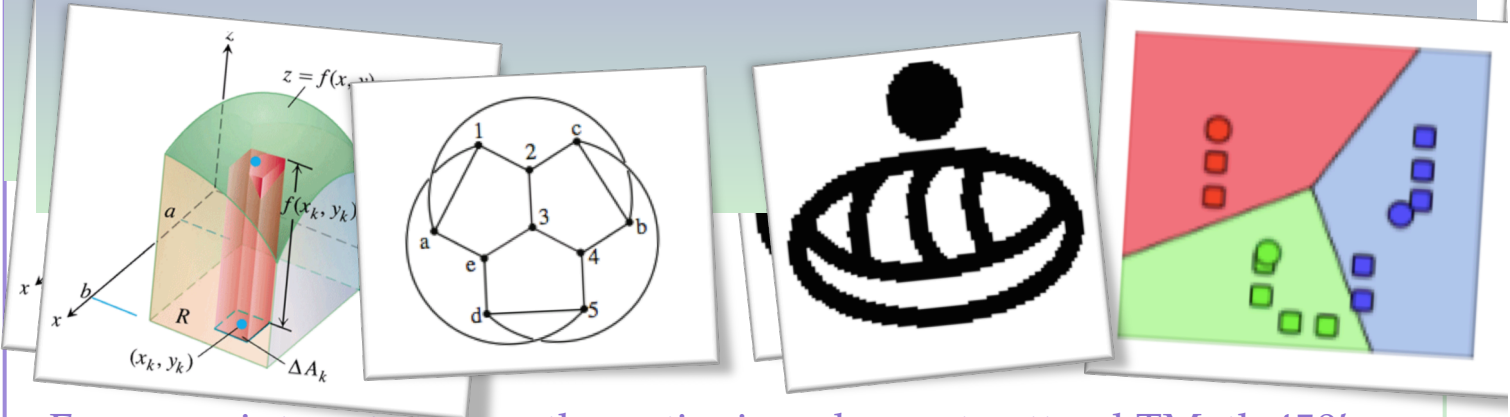
In this talk we will explore basic concepts of graph theory, and the application of graphical methods, to the transportation industry. We will look at properties of Hamiltonian Graphs, Spanning trees, and circuits. In understanding methods, such as Kruskal's Algorithm and Dijkstra's algorithm, we can see the relevance of mathematics in the real world.



Washington State districts

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1/9/18 @4:05pm	Taylor Blue (Mount Rainier High, Teacher)
1/16/18 @4:05pm	Jose Bonilla-Bartley (Heartland Express, Pricing Analyst)
1/23/18 Tuesday	Dr. Jacob Nelson (Software Development Engineer, Microsoft)
1/30/18 Tuesday	Dr. Daniel Heath (PLU, Topologist)
2/6/18 @4:05pm	Career Panel (Actuary, Educators, Industry)
2/27/18 Tuesday	Student Presentations
3/1/18 <b>Thursday</b>	Student Presentations
3/6/18 Tuesday	Student Presentations
3/8/18 <b>Thursday</b>	Student Presentations
3/15/18 <b>Thursday</b>	Student Presentations

