

Name \_\_\_\_\_  
Period \_\_\_\_\_ Date \_\_\_\_\_

We are getting close to the end of the semester and your final exam is right around the corner so it's time to begin reviewing all the material you have learned. This activity will help you review for the final exam as well as your vocabulary post test.

**Directions:** The vocabulary words for this semester have been listed below. Fill in the graphic organizer on the next page by putting each word in the appropriate column. Decide whether the word/phrase is something you *Knew* before you began this class, something you *Want* to know or something you *Learned* this semester. Write the definition for any word you put in the "Want to Know" column since you'll want to make sure you know it for your upcoming tests.

Vocabulary Words

Adjacent vertices	Edges	Ideal ratio	Preference schedule
Algorithm	Element	Leaf	Recursive processes
Approval voting	Element	Multigraph	Root
Arithmetic mean	Euler circuit	Majority winner	Scalar
Bipartite graph	Euler Path	Mathematical Induction	Spanning tree
Borda Count	Eulerizing the graph	Matrix	Square matrix
Chromatic number	Fair division	Matrix order or dimension	tree
Complete graphs	Forest	Out degree	Valence or degree of vertex
Condorcet	Geometric mean	Planar graph	Vertices
Connected graph	Hamiltonian circuit	Power index	Winning coalition
Critical path	Hamiltonian path	Pairwise voting	Weighted voting
Cycle	Heuristic method	Paradox	
Digraph	Indegree	Plurality winner	

