Name:	
•	Fall Semester

## Spreadsheet Activity Graph Theory

Number of Vertices =	8	
Maximum Number of Moves =	23	
Maximum Number of Edges =	46	
Maximum Number of Vertices =	31	
A 8-dot Sprouts game		
must end after 23 moves		
and will have at most		
31 vertices and 46 edges.		

Vertex	Degree	
Α	3	
В	2	Based on the information you entered
С	2	the graph has 4 vertices and 6 edges.
D	5	
	12	c== Sum of the degrees
	12	<== Sum of the degrees

BCP / AMDG Discrete Math Name: \_\_\_\_\_ Fall Semester

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