

The figure displays two data series on a scatter plot. The x-axis represents the number of nodes, ranging from 0 to 10. The y-axis represents the number of edges, ranging from 0 to 10. The complete graph (black dots) shows a quadratic relationship, while the cycle graph (red diamonds) shows a linear relationship.

Number of Nodes (x)	Complete Graph Edges (y)	Cycle Graph Edges (y)
0	0	0
1	0	0
2	1	0
3	3	1
4	6	2
5	10	3
6	15	4
7	21	5
8	28	6
9	36	7
10	45	8

1

grade