

MTH 337, Sample Quiz 7

Fall 2021

You will have **15 minutes** to take the actual quiz.

1. Write a function to create a star graph using NetworkX. (A star graph consists of a central node surrounded by k outer nodes, each of which is connected to the central node by a single edge.)
2. Display the complete graph on 10 nodes using the circular layout with node labels turned on.
3. Create a cycle on 10 nodes with weighted edges using random integers between 0 and 100 as edge weights.