

## MTH 337 Sample Quiz 6

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

1. Write a function to create a star graph on  $n + 1$  nodes (a single central node connected to  $n$  peripheral nodes) using **NetworkX**.
2. Display the complete graph on 10 nodes using the circular layout with node labels turned on.
3. Give two ways of computing the number of neighbors a particular node has.