Quiz 10 (individual quiz)

Write down your problem solving process and how you get to the solution. No points is given without explanation. You don’t need to calculate out the final number.

Name:

ID #:

Draw a graph with the specified properties or explain why no such graph exists

a. Graph with five vertices of degrees 1, 1, 1, 2 and 3

b. Graph with four vertices of degrees 1, 2, 3 and 3

Determine whether G and G’ are isomorphic. If yes, give a mapping; if no, give a reason.

a.

b.

c.