

This project asks you to practice with Euler circuits.

Give a connected graph with eight vertices and twenty edges such that the graph

- (a) has an Euler circuit. Also give an Euler circuit for the graph.
- (b) has an Euler path but not an Euler circuit. Also give an Euler path for the graph.
- (c) has no Euler path (and therefore no Euler circuit). Briefly explain why it doesn't have an Euler path.