

Groupwork: Graph Theory - Eulerian and Hamiltonian properties

MATH 110: Discovering in Mathematics
November 12, 2019

Name (Print): _____

1. (i) Which of the following graphs are Eulerian (i.e. contain Euler circuits)? If the graph is Eulerian, write down an Eulerian circuit. Can you find more than one? If the graph is not Eulerian, explain why. (ii) Which graphs have Eulerian paths (this means that we can trace each edge exactly once but we do not end where we started)? If the graph has an Eulerian path, write it explicitly. Can you find more than one?



