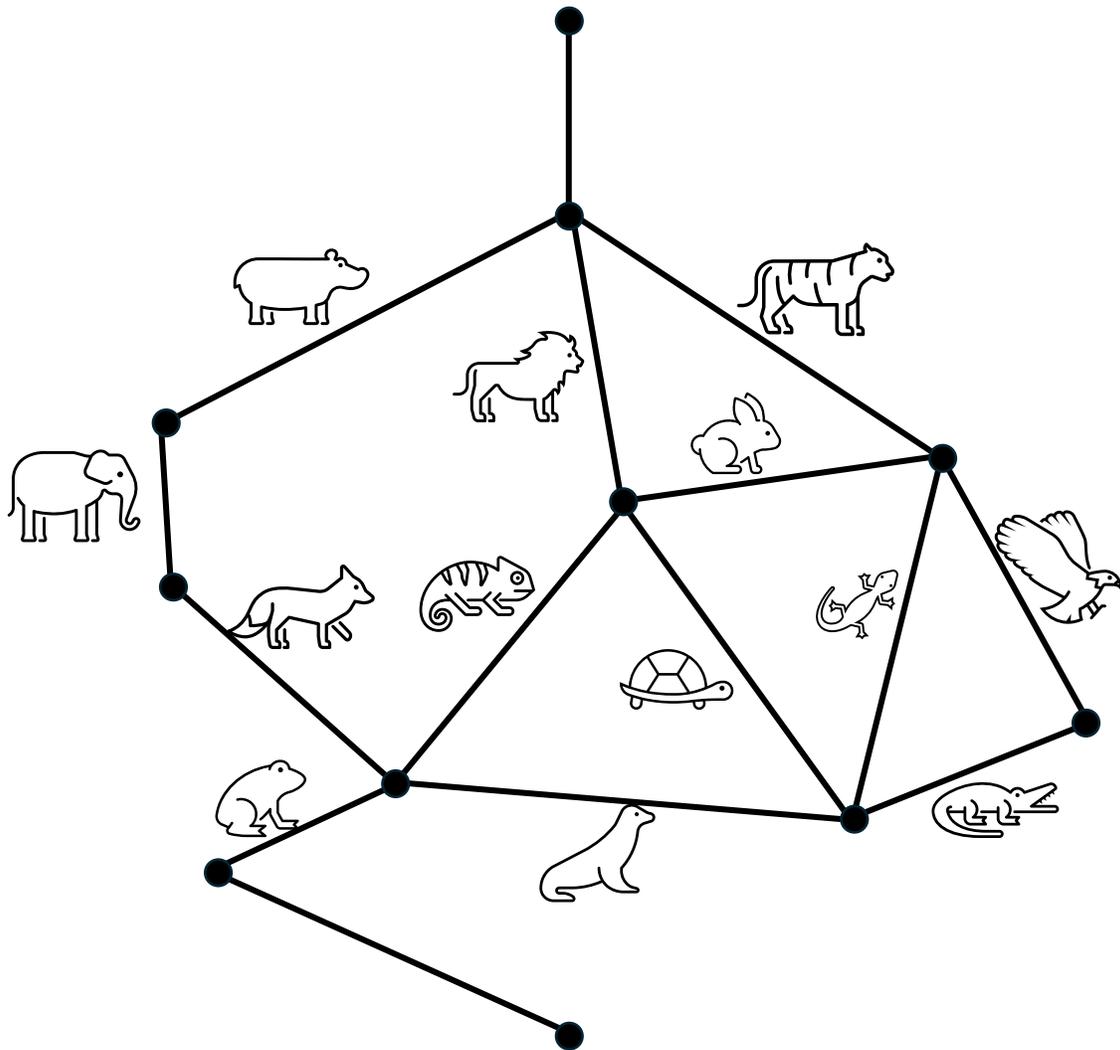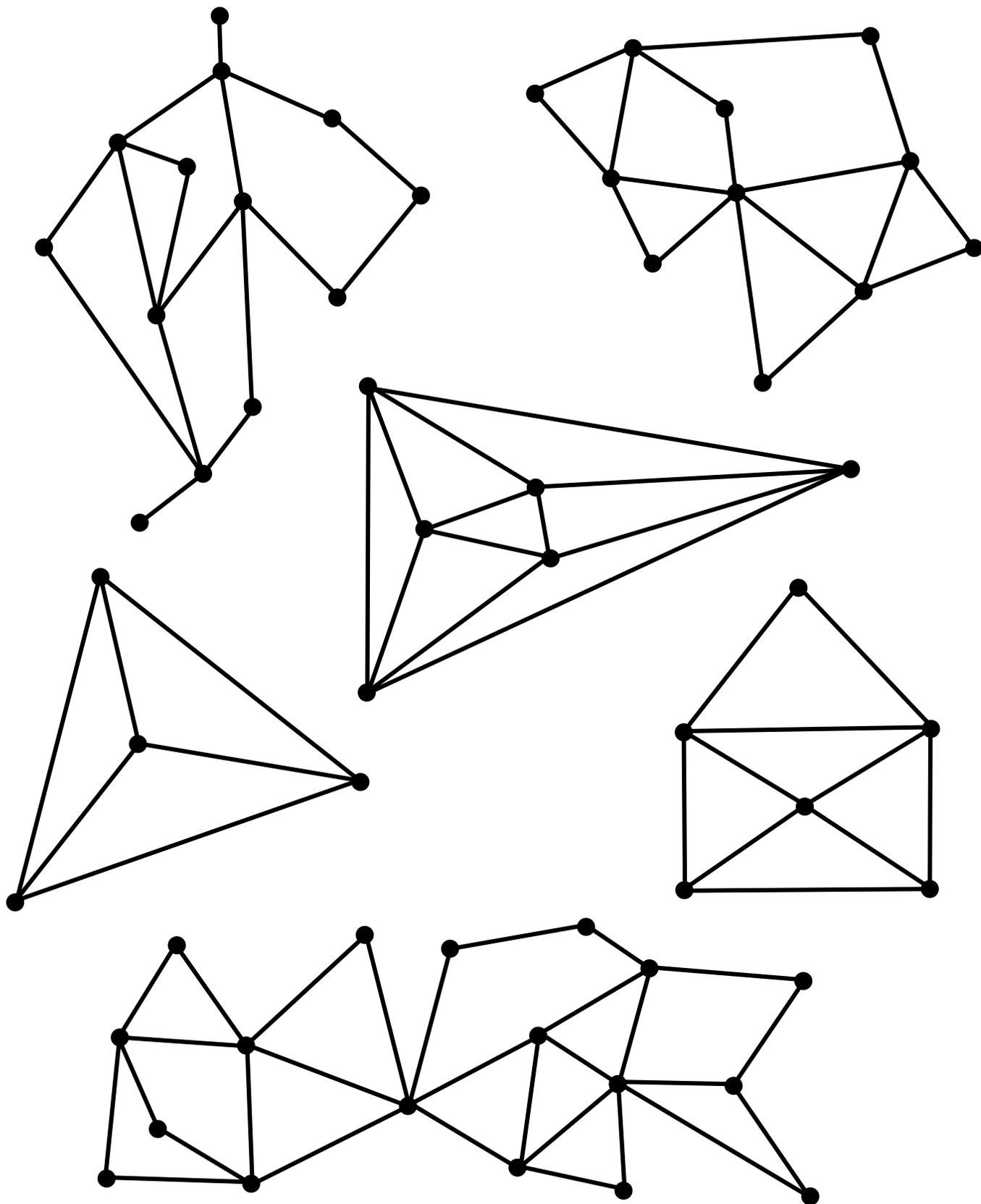# GRAPHS

Challenge: You are going to the zoo! Can you find a path through the zoo that visits each animal exactly once?

Fact: A path that goes through every edge exactly once is called an Eulerian Path (pronounced *oi-ler-ian*).

Turn over the page and try to find Eulerian paths for all the graphs on the back! Do all of them have such a path?

Hint: Counting the number of edges connected to each point tells you something about where an Euler path is allowed to begin and end.