

Facilitator: _____

Summarizer: _____

Presenter: _____

Critic: _____

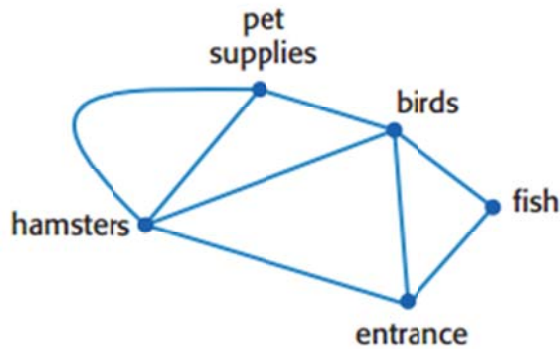
- Facilitator to make sure team works and achieves its goal
- Summarizer to summarize the results
- Presenter to present the results
- Critic to make sure questions from the audience are considered when preparing the task

Your task as a team:

The graph shows the different departments in a pet shop. A customer has lost his wallet somewhere in the shop. To find the wallet he needs to walk each edge once. Customer returns to the store and starts the search at the entrance.

1. What is the path that customer needs to take? Use as few edges as possible.

Entrance → → → → → → → → →



2. Where does the customer start and end his journey? Circle them in the sequence.
3. Is this an Euler path or Hamiltonian path?
4. Is there another path he could take? If yes, describe below:

Entrance → → → → → → → → →

5. Is this Euler path or Hamiltonian path?
6. If the customer wants to visit all departments and return back to the entrance, what would be the quickest path?

Entrance → → → → → → → → →

7. Is this a circuit?
8. Is this Euler circuit Hamiltonian circuit?