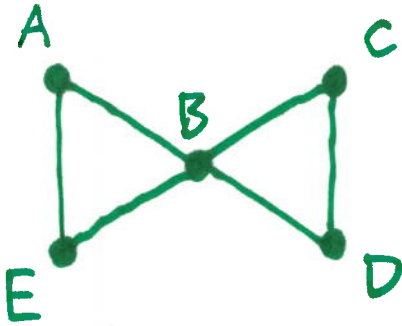


Recall that a **walk** in a graph G is a sequence v_1, v_2, \dots, v_k of vertices, where $\{v_i, v_{i+1}\}$ is an edge for each i .

More vocabulary

- **Path:** a walk with no repeated vertices
- **Closed walk:** a walk that starts and ends at the same vertex.
- **Cycle:** a closed walk with no vertices repeated except the first and the last.
- **Trail:** a walk with no repeated edges
- **Tour:** a closed walk with no repeated edges (this is also called a **circuit**)

Q Which is the following?



A, B, C, D, B, E, A

Can you find an example of each?