- 4 vertices
- 6 edges
- Not a simple graph
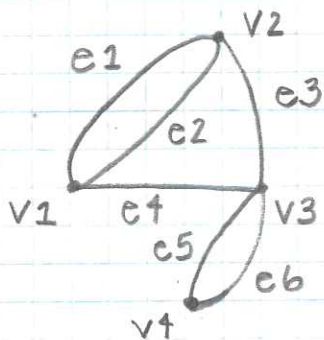
Walk: Sequence of vertices and edges that begin and end at a vertex.

length= 3 e's → Ex: <u>V1</u>, e1, V2, e3, V3, e5, <u>V4</u>

start and end in different places are "open walk."

<u>V1</u>, e1, V2, e3, V3, e4, <u>V1</u>

start & end = same spot: "closed walk."

Path: Walk with no repeated edges.

Length: Number of edges in a walk, path, etc.

Distance: Length of the <u>shortest</u> path between two vertices.

    Ex: What is the distance between v1 and v4? 2 e's

Diameter: Maximum distance between any two vertices. 2 e's "GCF"