**Making the Connection Lesson Assessment**

**Writing Assessment**

1. Explain the concepts of vertex/node and edge as they relate to graph theory.
2. Explain how engineers represent relationships using graph theory.
3. How do engineers apply graph theory in their jobs?

**Performance Assessment**

1. Given the graph below, create a vertex list, adjacency matrix and adjacency list.  
   In addition, create a depth first search (DFS) and a breadth first search (BFS) for the same graph.

