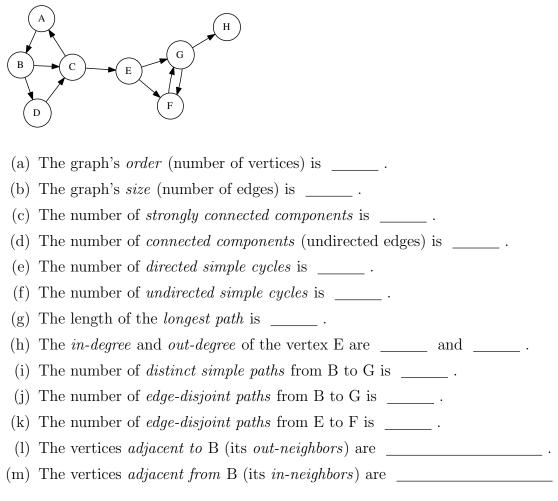
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Today's topic: graphs, shortest-path algorithm; Ch. 23. Next class: pairing heaps and weighted shortest-path algorithm; §§ 23.*, 14.3.

- 1. List the members of your group below. Underline your name.
- 2. Consider the following directed graph (digraph):



3. Depict an adjacency-list representation of the graph of Question 2.

4. Depict the action of the unweighted single-source shortest-path algorithm on the graph of Question 2 with source vertex B. Follow the conventions suggested by Figure 14.21 (p. 544) in the textbook.

