**Today:** Synthesis; review: Dijkstra's alg., pairing heap, ADTs, abstraction. §§ 14.*; 23.*.
**Next class** Synthesis; review. §§ 19.*; 22.*.
**Reminders:** Portfolio work; newsgroup; homework.

1. Write your group members' names below. Underline your name.

2. Trace the execution of Dijkstra's shortest-path algorithm, with a pairing heap, from source vertex $A$ on the following graph. Follow the textbook's algorithm and conventions. Depict (1) the $D_w$ values and (2) the state of the heap after the computation of the shortest path to each vertex.