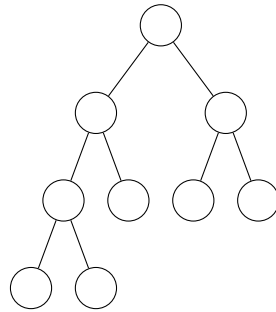# Min-heaps

1. Draw the tree shape for a heap with nine elements. Don't put any numbers inside the vertices.

2. The smallest element in a heap must appear in position 1 and the second smallest element must be in position 2 or 3. In your drawing above, mark vertices in where the third smallest element can appear with a 'C'.