

## CSCI 204 Introduction to Heap Activity Prof Meng

Student name(s):

1. Build 2 heaps, one maximum heap and the other minimum heap, by using the following sequence of numbers, 8, 15, 6, 10, 7, 4, 12. Show each step of the work.
  - a. Max heap:
  - b. Min heap:
2. In both cases above (min and max heap), perform the delete heap operation (remove the root) consecutively until the heap is empty. What do you see as the results?