Worksheet: Heaps Name:

**Worksheet: Heap Practice**

**In Preparation:** Read Chapter 11 on the Priority Queue ADT and Heaps

Insert the following values, in the order that they are given into a Min Heap. Show the tree after each insertion.

1. 30,20,50,10,5,70

20

30

30

50

10

20

30

20

50

30

5

30

50

5

10

10

50

30

70

20

20

1. Remove Min from the heap

10

20

50

30

70

1. Add 8 to the heap

8

50

70

30

10

20

1. Remove Min from the heap

10

70

30

50

20