Priority Queue Worksheet

1. Suppose that the sequence of operations

   P R I O * R * * I * T * Y * * * Q U E * * * U * E

   (where a letter means "*insert*" *that letter* and an asterisk means "*remove the maximum*") is applied to an initially empty priority queue. Give the sequence of values returned by the *remove the maximum* operations.

2. Repeat for the scenario where the asterisk means "*remove the minimum*".