2. (6,4)

(6,5)

(7,5)

(8,5)

(8,6)

(8,7)

(8,8)

(7,8)

(6,6)

(5,4)

(4,4)

4. (6,4)

(5,4)

(6,5)

(4,4)

(6,6)

(7,5)

(3,4)

(4,5)

(8,5)

(2,4)

(4,6)

The stack and queue differs in that a stack will always explore the last coordinate pushed on top of the stack first, while a queue will explore the oldest coordinate inserted into the queue first.