Problem 2

6 4

5 4

4 4

3 4

2 4

1 4

1 5

1 6

1 7

1 8

1 3

1 2

Problem 4

6 4

6 3

6 5

5 4

6 6

7 5

4 4

8 5

4 5

3 4

8 6

4 6

The first algorithm with stack is a depth-first searching algorithm, which goes deep into a path until we find a dead-end or the solution there. The second algorithm with queue is a breath-first searching algorithm, which goes one step in each path like a ripple across the maze.