Jennifer Cafiero



0 \*x\*\* -> E 1

1 \*E\*\* -> X 1

1 xxxx -> E 2

2 \*E\*\* -> X 3

2 xxxx -> E 4

4 \*E\*\* -> X 5

0 \*x\*\* -> S 1

1 \*\*\*S -> X 1

1 xxxx -> S 2

2 \*\*\*S -> X 3

2 xxxx -> S 4

4 \*\*\*S -> X 5



0 \*x\*\* -> S 1

1 \*\*\*S -> X 1

1 xxxx -> S 2

2 \*\*\*S -> X 2

2 xxxx -> S 3

3 \*\*\*S -> X 3

3 xxxx -> S 4

4 \*\*\*S -> X 5

4 xxxx -> W 5

5 \*\*W\* -> X 5

5 xxxx -> W 6

6 \*\*W\* -> x 6

6 xxxx -> W 7

7 \*\*W\* -> x 7

7 xxxx -> W 8

8 \*\*W\* -> x 8

8 xxxx -> N 9

9 N\*\*\* -> X 9

9 xxxx -> N 10

10 N\*\*\* -> X 10

10 xxxx -> N 11

11 N\*\*\* -> X 11

11 xxxx -> N 12

12 N\*\*\* -> X 12

12 xxxx -> E 13

13 \*E\*\* -> X 13

13 xxxx -> E 14

14 \*E\*\* -> X 14

14 xxxx -> E 15

15 \*E\*\* -> X 15

15 xxxx -> E 16

16 \*E\*\* -> X 16



0 \*x\*\* -> S 1

1 \*\*\*S -> X 1

1 xxxx -> S 2

2 \*\*\*S -> X 2

2 xxxx -> S 3

3 \*\*\*S -> X 3

3 xxxx -> S 4

4 \*\*\*S -> X 5

4 xxxx -> W 5

5 \*\*W\* -> X 5

5 xxxx -> W 6

6 \*\*W\* -> x 6

6 xxxx -> W 7

7 \*\*W\* -> x 7

7 xxxx -> W 8

8 \*\*W\* -> x 8

8 xxxx -> N 9

9 N\*\*\* -> X 9

9 xxxx -> N 10

10 N\*\*\* -> X 10

10 xxxx -> N 11

11 N\*\*\* -> X 11

11 xxxx -> N 12

12 N\*\*\* -> X 12

12 xxxx -> E 13

13 \*E\*\* -> X 13

13 xxxx -> E 14

14 \*E\*\* -> X 14

14 xxxx -> E 15

15 \*E\*\* -> X 15

15 xxxx -> E 16

16 \*E\*\* -> X 16

16 xxxx -> X 0

1. You have to assume you start in the Southwest corner to touch each pixel only once.

0 x\*\*\* -> N 0

0 N\*\*\* -> x 1

1 \*x\*\* -> E 2

1 \*E\*\* -> x 2

2 \*\*\*x -> S 2

2 \*\*\*S -> x 3

3 \*x\*\* -> E 0

3 \*E\*S -> x 4

4 \*\*X\* -> W 4

4 \*\*WS -> x 5

5 x\*\*\* -> N 0

0 x\*\*\* -> N 0

0 N\*\*\* -> x 1

1 \*x\*\* -> E 2

1 \*E\*\* -> x 2

2 \*\*\*x -> S 2

2 \*\*\*S -> x 3

3 \*x\*\* -> E 0

3 \*E\*S -> x 4

4 \*\*X\* -> W 4

4 \*\*WS -> x 5

5 x\*\*\* -> N 0

1. 0 \*x\*\* -> E 1

0 xe\*\* -> N 0

0 NeX\* -> W 2

0 New\* -> X 5

1 \*\*\*X -> S 5

1 \*x\*S -> E 1

1 NE\*S -> X 2

1 xE\*S -> N 0

2 X\*\*\* -> N 0

2 N\*x\* -> W 2

2 N\*WS -> X 5

2 n\*Wx -> s 5

5 \*\*x\* -> W 2

5 \*\*Wx -> s 5

5 \*Ews -> X 0

5 \*xWS -> E 1