Joshua Camacho

A\* Program output

**Puzzle #1**

H1 result

Depth: 24

Generated Count: 50428

0 7 6

1 5 3

8 4 2

7 0 6

1 5 3

8 4 2

7 6 0

1 5 3

8 4 2

7 6 3

1 5 0

8 4 2

7 6 3

1 5 2

8 4 0

7 6 3

1 5 2

8 0 4

7 6 3

1 0 2

8 5 4

7 6 3

0 1 2

8 5 4

0 6 3

7 1 2

8 5 4

6 0 3

7 1 2

8 5 4

6 3 0

7 1 2

8 5 4

6 3 2

7 1 0

8 5 4

6 3 2

7 1 4

8 5 0

6 3 2

7 1 4

8 0 5

6 3 2

7 1 4

0 8 5

6 3 2

0 1 4

7 8 5

0 3 2

6 1 4

7 8 5

3 0 2

6 1 4

7 8 5

3 1 2

6 0 4

7 8 5

3 1 2

6 4 0

7 8 5

3 1 2

6 4 5

7 8 0

3 1 2

6 4 5

7 0 8

3 1 2

6 4 5

0 7 8

3 1 2

0 4 5

6 7 8

0 1 2

3 4 5

6 7 8

H2 result

Depth: 24

Generated Count: 2196

0 7 6

1 5 3

8 4 2

7 0 6

1 5 3

8 4 2

7 6 0

1 5 3

8 4 2

7 6 3

1 5 0

8 4 2

7 6 3

1 5 2

8 4 0

7 6 3

1 5 2

8 0 4

7 6 3

1 0 2

8 5 4

7 6 3

0 1 2

8 5 4

0 6 3

7 1 2

8 5 4

6 0 3

7 1 2

8 5 4

6 3 0

7 1 2

8 5 4

6 3 2

7 1 0

8 5 4

6 3 2

7 1 4

8 5 0

6 3 2

7 1 4

8 0 5

6 3 2

7 1 4

0 8 5

6 3 2

0 1 4

7 8 5

0 3 2

6 1 4

7 8 5

3 0 2

6 1 4

7 8 5

3 1 2

6 0 4

7 8 5

3 1 2

6 4 0

7 8 5

3 1 2

6 4 5

7 8 0

3 1 2

6 4 5

7 0 8

3 1 2

6 4 5

0 7 8

3 1 2

0 4 5

6 7 8

0 1 2

3 4 5

6 7 8

**Puzzle #2**

H1 result

Depth: 22

Generated Count: 19226

2 6 0

1 4 3

8 5 7

2 6 3

1 4 0

8 5 7

2 6 3

1 0 4

8 5 7

2 0 3

1 6 4

8 5 7

0 2 3

1 6 4

8 5 7

1 2 3

0 6 4

8 5 7

1 2 3

6 0 4

8 5 7

1 2 3

6 4 0

8 5 7

1 2 0

6 4 3

8 5 7

1 0 2

6 4 3

8 5 7

1 4 2

6 0 3

8 5 7

1 4 2

6 3 0

8 5 7

1 4 2

6 3 7

8 5 0

1 4 2

6 3 7

8 0 5

1 4 2

6 3 7

0 8 5

1 4 2

0 3 7

6 8 5

1 4 2

3 0 7

6 8 5

1 4 2

3 7 0

6 8 5

1 4 2

3 7 5

6 8 0

1 4 2

3 7 5

6 0 8

1 4 2

3 0 5

6 7 8

1 0 2

3 4 5

6 7 8

0 1 2

3 4 5

6 7 8

H2 result

Depth: 22

Generated Count: 1114

2 6 0

1 4 3

8 5 7

2 6 3

1 4 0

8 5 7

2 6 3

1 0 4

8 5 7

2 0 3

1 6 4

8 5 7

0 2 3

1 6 4

8 5 7

1 2 3

0 6 4

8 5 7

1 2 3

6 0 4

8 5 7

1 2 3

6 4 0

8 5 7

1 2 0

6 4 3

8 5 7

1 0 2

6 4 3

8 5 7

1 4 2

6 0 3

8 5 7

1 4 2

6 3 0

8 5 7

1 4 2

6 3 7

8 5 0

1 4 2

6 3 7

8 0 5

1 4 2

6 3 7

0 8 5

1 4 2

0 3 7

6 8 5

1 4 2

3 0 7

6 8 5

1 4 2

3 7 0

6 8 5

1 4 2

3 7 5

6 8 0

1 4 2

3 7 5

6 0 8

1 4 2

3 0 5

6 7 8

1 0 2

3 4 5

6 7 8

0 1 2

3 4 5

6 7 8

**Puzzle #3**

H1 result

Depth: 20

Generated Count: 8150

8 1 4

5 6 7

0 3 2

8 1 4

5 6 7

3 0 2

8 1 4

5 0 7

3 6 2

8 1 4

0 5 7

3 6 2

0 1 4

8 5 7

3 6 2

1 0 4

8 5 7

3 6 2

1 5 4

8 0 7

3 6 2

1 5 4

0 8 7

3 6 2

1 5 4

3 8 7

0 6 2

1 5 4

3 8 7

6 0 2

1 5 4

3 0 7

6 8 2

1 5 4

3 7 0

6 8 2

1 5 4

3 7 2

6 8 0

1 5 4

3 7 2

6 0 8

1 5 4

3 0 2

6 7 8

1 0 4

3 5 2

6 7 8

1 4 0

3 5 2

6 7 8

1 4 2

3 5 0

6 7 8

1 4 2

3 0 5

6 7 8

1 0 2

3 4 5

6 7 8

0 1 2

3 4 5

6 7 8

H2 result

Depth: 20

Generated Count: 364

8 1 4

5 6 7

0 3 2

8 1 4

5 6 7

3 0 2

8 1 4

5 0 7

3 6 2

8 1 4

0 5 7

3 6 2

0 1 4

8 5 7

3 6 2

1 0 4

8 5 7

3 6 2

1 5 4

8 0 7

3 6 2

1 5 4

0 8 7

3 6 2

1 5 4

3 8 7

0 6 2

1 5 4

3 8 7

6 0 2

1 5 4

3 0 7

6 8 2

1 5 4

3 7 0

6 8 2

1 5 4

3 7 2

6 8 0

1 5 4

3 7 2

6 0 8

1 5 4

3 0 2

6 7 8

1 0 4

3 5 2

6 7 8

1 4 0

3 5 2

6 7 8

1 4 2

3 5 0

6 7 8

1 4 2

3 0 5

6 7 8

1 0 2

3 4 5

6 7 8

0 1 2

3 4 5

6 7 8