Fig 1

4

3

2

1

1 2 3 4

1. Start at (1,1). Choose from:
   1. (2,1). Choose from:
      1. (3,1). Breeze detected. Return
      2. (2,2). Gold found. **Go Home**.
   2. (1,2). Not expanded.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Fig 2

4

3

2

1

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1 2 3 4

1. Start at (1,1). Choose from:
   1. (2,1). Choose from:
      1. (3,1). Breeze detected. Return
      2. (2,2). Choose from:
         1. (3,2). Gold found. **Go Home.**
         2. (2,3). No expansion.

|  |  |  |
| --- | --- | --- |
| **X** | **Y** | **Action** |
| 1 | 1 | 0 |
| 2 | 1 | 1 |
| 2 | 1 | 3 |
| 2 | 2 | 1 |
| 2 | 2 | 4 |
| 2 | 2 | 3 |
| 1 | 2 | 1 |
| 1 | 2 | 3 |
| 1 | 1 | 1 |
| 1 | 1 | 6 |

Table 4

|  |  |  |
| --- | --- | --- |
| **X** | **Y** | **Action** |
| 1 | 1 | 0 |
| 2 | 1 | 1 |
| 2 | 1 | 3 |
| 2 | 2 | 1 |
| 2 | 2 | 3 |
| 1 | 2 | 1 |
| 1 | 2 | 3 |
| 1 | 1 | 1 |
| 1 | 1 | 3 |
| 2 | 1 | 1 |
| 3 | 1 | 1 |
| 3 | 1 | 2 |
| 3 | 1 | 2 |
| 3 | 1 | 2 |
| 3 | 2 | 1 |
| 3 | 2 | 4 |
| 3 | 2 | 3 |
| 2 | 2 | 1 |
| 1 | 2 | 1 |
| 1 | 2 | 3 |
| 1 | 1 | 1 |
| 1 | 1 | 6 |

Table 5

Fig 3

4

3

2

1

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1 2 3 4

1. Start at (1,1). Choose from:
   1. (2,1). Breeze detected. Return.
   2. (1,2). Choose from:
      1. (2,2). Breeze detected. Return.
      2. (1,3). Choose from
         1. (2,3). Breeze detected. Return
         2. (1,4). Gold found. **Go Home.**

**Action Key:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Nil | Fwd | Rotate  Right | Rotate  Left | Grab | Shot | Climb |

Table 6

|  |  |  |
| --- | --- | --- |
| **X** | **Y** | **Action** |
| 1 | 1 | 0 |
| 2 | 1 | 1 |
| 2 | 1 | 2 |
| 2 | 1 | 2 |
| 1 | 1 | 1 |
| 1 | 1 | 2 |
| 1 | 2 | 1 |
| 1 | 2 | 2 |
| 1 | 2 | 2 |
| 1 | 2 | 3 |
| 2 | 2 | 1 |
| 2 | 2 | 2 |
| 2 | 2 | 2 |
| 1 | 2 | 1 |
| 1 | 2 | 2 |
| 1 | 3 | 1 |
| 1 | 3 | 2 |
| 1 | 3 | 2 |
| 1 | 2 | 1 |
| 1 | 2 | 3 |
| 2 | 2 | 1 |
| 2 | 2 | 3 |
| 2 | 3 | 1 |
| 2 | 3 | 3 |
| 1 | 3 | 1 |
| 1 | 3 | 2 |
| 1 | 3 | 2 |
| 1 | 3 | 3 |
| 1 | 4 | 1 |
| 1 | 4 | 4 |
| 1 | 4 | 2 |
| 1 | 4 | 2 |
| 1 | 3 | 1 |
| 1 | 2 | 1 |
| 1 | 1 | 1 |
| 1 | 1 | 6 |