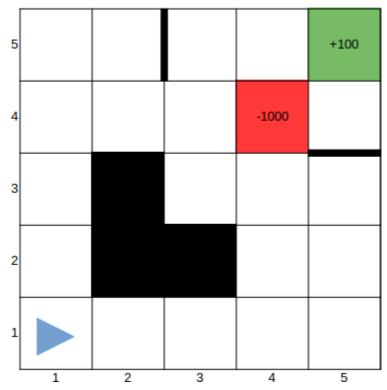
CPSC 4420/6420: ARTIFICIAL INTELLIGENCE

ASSIGNMENT 2, NAME:

PARAMPREET SINGH

Consider the following puzzle. The green and red states are both terminal states, with the rewards as shown (so we can consider the green state the "goal", and the red a "game over" state with a large negative reward). Thick borders between cells represent walls that the robot player cannot cross, and the black squares contain obstacles and cannot be entered. The robot player is represented by the blue triangle, and the direction the triangle points is the way the robot is facing.



Let's represent a state with (x,y,d), where x and y represent the horizontal and vertical positions (i.e. location), and d represents the direction the robot is facing (1: up, 2: down, 3: left, and 4: right).

The robot can take the following actions:

 A_1 : Move one cell forward in the direction it is facing. Cost: 1.5

A₂: Move two cells forward in the direction it is facing. Cost: 2

A:: Turn to its left, and stay in the same cell. Cost: 0.5

 A_4 : Turn to its right, and stay in the same cell. Cost: 0.5

Note that each action has a different cost value. This can also be considered an immediate negative reward. For example, we have $R(s,A_1,s')=-1.5$. The cost is evaluated on the current state, (the state the robot is in when it begins the action, not the one it lands on after performing the action). In the same way, the value of state V(s) represents the value of the current state and

you should initialize the algorithm with $V_1(5,5,x)=+100$, $V_1(4,4,x)=-1000$ (for x=1,2,3,4 representing the robot orientation/direction), and zero for all other states.

So, for example, if the robot is in state (4,1,4), it means that it is in location (4,1) and facing right. The result of possible actions for this state are as follows:

 A_1 (move 1 cell forward) --> (5,1,4)

 A_2 (move 2 cells forward) --> impossible remains in the current state (4,1,4)

 A_3 (turn left) --> (4,1,1): the robot stays in (4,1) but now faces up

 A_4 (turn right) --> (4,1,2): the robot stays in (4,1) but now faces down

A move is impossible if it would result in landing on a blocked cell, like (2,2), (2,3), or (3,2), or if it would result in crossing a barrier, like moving from state (2,5) to (3,5), or (5,3) to (5,4). A move that would take the robot outside of our 5x5 grid is also impossible.

Note that we have more states than the number of cells, because the robot facing a different direction produces a new state, even if it does not change location. In the example above, if we move to (4,1,1), where the robot is facing up, this is a different state from the one we were in, (4,1,4), even though the robot has not moved cells.

A) If there is no living reward/penalty, no noise, and no discount (gamma = 1), use your common sense to find the best possible route from (1,1) to (5,5).

ANSWER – With no living reward/penalty, no noise, and no discount, the best possible route is the one costing least.

```
[State (1,1,4), Action: A3] \rightarrow State (1,1,1) Action Cost = 0.5

[State (1,1,1), Action: A1] \rightarrow State (1,2,1) Action Cost = 1.5

[State (1,2,1), Action: A2] \rightarrow State (1,4,1) Action Cost = 2.0

[State (1,4,1), Action: A4] \rightarrow State (1,4,4) Action Cost = 0.5

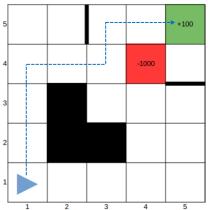
[State (1,4,4), Action: A2] \rightarrow State (3,4,4) Action Cost = 2.0

[State (3,4,4), Action: A3] \rightarrow State (3,4,1) Action Cost = 0.5

[State (3,4,1), Action: A1] \rightarrow State (3,5,1) Action Cost = 1.5

[State (3,5,1), Action: A4] \rightarrow State (3,5,4) Action Cost = 0.5

[State (3,5,4), Action: A2] \rightarrow State (5,5,4) Action Cost = 2.0
```



TOTAL COST = 11

B) With no discount (gamma = 1), no living reward, and no noise, use the Value Iteration Algorithm with 100 iterations to update the optimal values for each state and print the result [only for the first 10 iterations] in the following format:

```
iter 1: state (1,1,1) V = (some value) Best Action: A<sub>i</sub> (where i is some number 1-4) Best Action: A<sub>j</sub> Best Action: A<sub>j</sub>

iter 2: state (1,1,1) V = (some value) Best Action: A<sub>i</sub> (where i is some number 1-4) Best Action: A<sub>j</sub>

best Action: A<sub>j</sub> Best Action: A<sub>i</sub> (where i is some number 1-4) Best Action: A<sub>j</sub>

iter 2: state (1,1,1) V = (some value) Best Action: A<sub>j</sub>

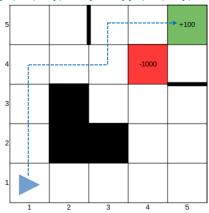
best Action: A<sub>j</sub> (where i is some number 1-4) Best Action: A<sub>j</sub>
```

If two actions are tied for best, you can select one at random or always choose the one with the smallest index.

ANSWER – For iterations, please refer python file – HW2_B.py(may also refer – ITERATIONS(B))

Resulting path –

 $[((1, 1, 4), A3) \rightarrow ((1, 1, 1), A1) \rightarrow ((1, 2, 1), A2) \rightarrow ((1, 4, 1), A4) \rightarrow ((1, 4, 4), A2) \rightarrow ((3, 4, 4), A3) \rightarrow ((3, 4, 1), A1) \rightarrow ((3, 5, 1), A4) \rightarrow ((3, 5, 4), A2) \rightarrow (5, 5, 4)]$



C) If you start from state (1,1,4) and follow the optimal policy you found in part B, does it follow the same path you proposed in part A?

ANSWER - From ANSWER A and ANSWER B,

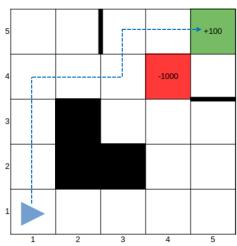
Yes, starting from state (1,1,4), part A and part B follow the same path.

D) Repeat part B with the same assumptions, except for gamma = 0.8 (discount factor). Compare the results with that from part B. Do they match?

ANSWER - From ANSWER B,

Resulting path of part B is – $[((1, 1, 4), A3) \rightarrow ((1, 1, 1), A1)]$

$$[((1, 1, 4), A3) \rightarrow ((1, 1, 1), A1) \rightarrow ((1, 2, 1), A2) \rightarrow ((1, 4, 1), A4) \rightarrow ((1, 4, 4), A2) \rightarrow ((3, 4, 4), A3) \rightarrow ((3, 4, 1), A1) \rightarrow ((3, 5, 1), A4) \rightarrow ((3, 5, 4), A2) \rightarrow (5, 5, 4)]$$

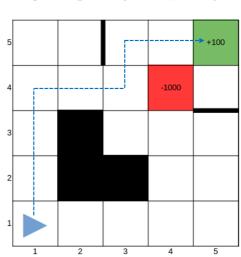


When gamma = 0.8 (discount factor),

[Please refer python file – HW2_D.py (may also refer – ITERATIONS(D))]

Resulting path -

$$[((1, 1, 4), A3) \rightarrow ((1, 1, 1), A1) \rightarrow ((1, 2, 1), A2) \rightarrow ((1, 4, 1), A4) \rightarrow ((1, 4, 4), A2) \rightarrow ((3, 4, 4), A3) \rightarrow ((3, 4, 1), A1) \rightarrow ((3, 5, 1), A4) \rightarrow ((3, 5, 4), A2) \rightarrow (5, 5, 4)]$$



Therefore, for similar assumptions except gamma = 1 (part B) and gamma = 0.8 (part D), the resulting paths for both the cases are **SAME**.

E) Repeat part B with the same assumptions, except for gamma = 0.2. Compare the results with that from parts B and D. Do they match?

ANSWER - The value of a state is calculated as -

$$\begin{aligned} &Q^*(s,a) = \sum_{s'} P(s'|s,a) \left[R(s,a,s') + \gamma V^*(s') \right] \\ &V^*(s) = \max_{a} Q^*(s,a) \\ &V^*(s) = \max_{a} \sum_{s'} P(s'|s,a) \left[R(s,a,s') + \gamma V^*(s') \right] \end{aligned}$$

Therefore, for gamma = 0.2, P = 1 and i = 100 iterations, value of a state largely depends upon the reward of the action. In our case, as reward is negative, the best action for a state would be the one that gives minimum negative reward. The rewards for various actions are as follows –

$$A_1$$
: - 1.5; A_2 : - 2; A_3 : - 0.5; A_4 : - 0.5

Now, as A3 and A4 have least negative reward, the best action for most of the states would converge to either A3 or A4, hence resulting in an infinite loop.

Please refer python file – HW2_E.py (may also refer – ITERATIONS(E)).

(Optional for 4420) Repeat part B, but this time with noise = 0.2, and gamma = 0.9 and no living reward. With a noise of 0.2, every time you take an action, the result will be the expected action with Probability 0.8 (80%), but 20% of the time, the robot will instead take a different action (taken randomly out of unexpected actions, with equal probability). If the action is impossible, it remains in the same cell.

For example, if we are in state (4,1,4), location (4,1) and facing right, and we take action A_1 (moving one cell forward), the resulting state will be:

s'=(5,1,2) with probability 0.8 [because A₁ is rendered]

s'=(4,1,4) with probability 0.2/3 [renders A_2 which is impossible]

s'=(4,1,1) with probability 0.2/3 [because A₃ is rendered]

s' = (4,1,2) with probability 0.2/3 [because A₄ is rendered]

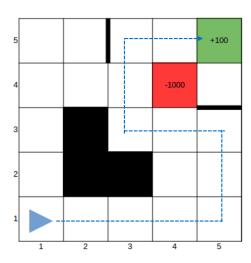
Compare the results with that of the previous parts and explain your observations.

ANSWER – For noise = 0.2 and gamma = 0.9,

For iterations, please refer python file – HW2 F.py (may also

Resulting path -

$$[((1, 1, 4), A2) \rightarrow ((3, 1, 4), A2) \rightarrow ((5, 1, 4), A3) \rightarrow ((5, 1, 1), A2) \rightarrow ((5, 3, 1), A3) \rightarrow ((5, 3, 3), A2) \rightarrow ((3, 3, 3), A4) \rightarrow ((3, 3, 1), A2) \rightarrow ((3, 5, 1), A4) \rightarrow ((3, 5, 4), A2) \rightarrow (5, 5, 4)]$$



Form ANSWER B and ANSWER D, the resulting path in previous cases [(gamma = 1, noise = 0), (gamma = 0.8, noise = 0)] is different from the resulting path in this case [gamma = 0.9, noise = 0.2].

Observations – In part B, D and E, as noise was zero, the problems were deterministic. From a state S, taking action A would always result in state S'.
But when noise is nonzero, or 0.2 as in our case, the problem becomes probabilistic. From a state S, taking action A may or may not result in state S'.
So, in parts B and D, taking action 'A3' from state $(3, 4, 4)$ will always result in state $(3, 4, 1)$. But in this case when noise is 0.2, taking action 'A3' from state $(3, 4, 4)$ has a probability = 0.2/3 of resulting in terminal state $(4, 4, 4)$ with high negative value of -1000.
To avoid that possibility of landing in a terminal state, the robot takes a different approach. It finds a path to land itself in state (3,3,1) from where an action A2 will ensure zero probability of robot landing in terminal state (4,4).
Hence, deterministic and probabilistic model problems have different optimal policies.

```
1 # MASTER CODE
 2
 3 # Using class defined attributes and transition model
   function
 4 class mdpclass:
       def __init__(self, states, prob, discount,
   actions):
           self.states = states[:]
 6
 7
           self.prob = prob
 8
           self.discount = discount
 9
           self.actions = actions[:]
10
11
       # Transition model returns (probability, reward
   and resulting state) for a given (state, action) pair
       def transition_model(self, s, action, pr):
12
           q = [1, 2, 3, 4]
13
14
           r = 0
15
           temp_list = []
           prp = (1 - pr) / 3
16
17
           q.remove(action)
18
           while True:
19
               x, y, z = s
20
               if action == 1:
21
                    r = -1.5
22
                    if s[2] == 1:
23
                        y = y + 1
24
                    elif s[2] == 2:
25
                        y = y - 1
26
                    elif s[2] == 3:
27
                        x = x - 1
28
                    elif s[2] == 4:
29
                        x = x + 1
30
               elif action == 2:
31
                    r = -2
32
                    if s[2] == 1:
33
                        y = y + 2
34
                    elif s[2] == 2:
35
                        y = y - 2
36
                    elif s[2] == 3:
37
                        x = x - 2
38
                    elif s[2] == 4:
```

```
39
                        x = x + 2
40
                elif action == 3:
41
                    r = -0.5
42
                    if s[2] == 1:
43
                        z = z + 2
44
                    elif s[2] == 2:
45
                        z = z + 2
46
                    elif s[2] == 3:
47
                        z = z - 1
                    elif s[2] == 4:
48
49
                        z = z - 3
                elif action == 4:
50
51
                    r = -0.5
                    if s[2] == 1:
52
                        z = z + 3
53
                    elif s[2] == 2:
54
55
                        z = z + 1
                    elif s[2] == 3:
56
57
                        z = z - 2
58
                    elif s[2] == 4:
59
                        z = z - 2
60
                s_prime = (x, y, z)
61
                # checking for prohibited moves
62
                if (x < 1 \text{ or } x > 5) \text{ or } (y < 1 \text{ or } y > 5)
   or \
63
                        (s[:2] in [(2, 2), (2, 3), (3, 2)]
   )] or s_prime[:2] in [(2, 2), (2, 3), (3, 2)]) or \
64
                        (s[:2] in [(2, 5), (5, 3)] and
   s_prime[:2] in [(3, 5), (4, 5), (5, 4), (5, 5)]) or \
65
                        (s[:2] in [(1, 5), (5, 2)] and
   s_prime[:2] in [(3, 5), (5, 4)]) or \
                        (s[:2] in [(3, 5), (5, 4)] and
66
   s_prime[:2] in [(1, 5), (2, 5), (5, 2), (5, 3)]) or \
                        (s[:2] in [(4, 5)] and s_prime[:2
67
   ] in [(2, 5)] or \
                        (s[:2] in [(4, 3), (3, 4)] and
68
   s_prime[:2] in [(5, 4), (4, 5)]) or \
69
                        (s[:2] in [(5, 4), (4, 5)] and
   s_prime[:2] in [(4, 3), (3, 4)]) or \
                        (s[:2] in [(3, 1), (1, 3)] and
70
   s_{prime}[:2] in [(3, 3)]) or
```

```
(s[:2] in [(3, 3)] and s_prime[:
 71
    2] in [(3, 1), (1, 3)]):
 72
                    s_prime = s # returning s' as s if
    move is prohibited
                temp_list.append((pr, r, s_prime))
 73
 74
                if pr == 1:
 75
                    return temp_list
 76
                else:
                    if not q:
 77
 78
                        return temp_list
 79
                    action = q.pop()
 80
                    pr = prp
 81
 82
 83 # defined value iteration function printing required
     iterations and path of robot
84 def valueiteration(mdp):
        value = {}
 85
        pi = {}
 86
 87
 88
        # initializing default value +100 and -1000 for
    terminal states and 0 for all other states
        for state in mdp.states:
 89
            if state[:2] == (5, 5):
 90
                value[state] = 100.
 91
                pi[state] = None
 92
            elif state[:2] == (4, 4):
 93
 94
                value[state] = -1000.
 95
                pi[state] = None
 96
            else:
 97
                value[state] = 0.
 98
 99
        # function qvalue first extracts tuple triplets
    of (probability, reward and resulting state) from
    transition model
        # then returns the expected utility of a given (
100
    state, action) pair
        def qvalue(st, action, v):
101
            return sum(p * (r + mdp.discount * v[s_prime
102
    ]) for p, r, s_prime in mdp.transition_model(st,
    action, mdp.prob))
```

```
103
104
        # initiated n = 100 iterations
        for i in range(100):
105
106
            if i < 11:
107
                print("iter {}:".format(i))
108
            for state in mdp.states:
109
                if state[:2] not in [(4, 4), (5, 5), (3
    , 2), (2, 2), (2, 3)]:
110
111
                    # maximizing over Q value of a given
     (state, action) pair to assign value to the state
                    value[state] = max(qvalue(state,
112
    action, value) for action in mdp.actions)
113
                    # maximizing over Q value of a given
114
     (state, action) pair to extract policy
                    pi[state] = max(((qvalue(state,
115
    action, value), action) for action in mdp.actions),
                                    key=lambda tup: tup[
116
    0])
117
                    if i < 11:
118
                        print("state({}) V = {}
    Action: {}".format(state, pi[state][0], pi[state][1
    ]))
119
120
        s = (1, 1, 4) # initial state of robot
121
        result = [] # list to capture the resulting
    best path of robot to end state
122
        while pi[s] is not None:
123
            q, act = pi[s] # extracting best action for
     a state from already extracted policy over 100
    iterations
124
125
            # extracting next state from best action for
     a given state
            j_list = mdp.transition_model(s, act, 1)
126
127
            x, y, z = j_list[0]
128
129
            result.append((s, pi[s]))
130
            s = z
131
```

```
result.append((s, pi[s]))
132
        print("Result:", result)
133
134
135
136
137 # initializing states as tuple triplets of (x, y, d
    ) in a list
138 states = []
139 for i in range(1, 6):
140
        for j in range(1, 6):
             for k in range(1, 5):
141
                 a = (i, j, k)
142
143
                 states.append(a)
144
145
146 # initialize actions, noise and discount factor (
    gamma)
147 \text{ actions} = [1, 2, 3, 4]
148 noise = 0
149 \text{ discount} = 1
150
151 # created instance of class mdpclass
152 \text{ prob} = 1 - \text{noise}
153 mdp = mdpclass(states, prob, discount, actions)
154
155 # called function for value iteration
156 valueiteration(mdp)
157
```

iter 1:	state((5, 2, 2)) V = -0.5 Best Action: 3	state((4, 3, 3)) V = -2.0 Best Action: 3	state($(3, 5, 4)$) V = 98.0 Best Action: 2	state((3, 3, 1)) V = 95.5 Best Action: 2	state((2, 4, 2)) V = 93.5 Best Action: 3
state($(1, 1, 1)$) V = -0.5 Best Action: 3	state((5, 2, 3)) V = -1.0 Best Action: 3	state((4, 3, 4)) V = -2.0 Best Action: 3	state((4, 1, 1)) V = -2.5 Best Action: 3	state((3, 3, 2)) V = 94.5 Best Action: 3	state((2, 4, 3)) V = 93.0 Best Action: 3
state((1, 1, 2)) V = -0.5 Best Action: 3	state((5, 2, 4)) V = -1.0 Best Action: 3	state((4, 5, 1)) V = 98.0 Best Action: 4	state((4, 1, 2)) V = -2.5 Best Action: 3	state((3, 3, 3)) V = 95.0 Best Action: 4	state((2, 4, 4)) V = 94.0 Best Action: 1
state($(1, 1, 3)$) V = -1.0 Best Action: 3	state((5, 3, 1)) V = -0.5 Best Action: 3	state((4, 5, 2)) V = 98.0 Best Action: 3	state((4, 1, 3)) V = -3.0 Best Action: 3	state((3, 3, 4)) V = 95.0 Best Action: 3	state($(2, 5, 1)$) V = -4.5 Best Action: 3
	state((5, 3, 2)) V = -0.5 Best Action: 3		state((4, 1, 4)) V = -3.0 Best Action: 3		
state($(1, 1, 4)$) V = -1.0 Best Action: 3		state((4, 5, 3)) V = 97.5 Best Action: 3		state((3, 4, 1)) V = 96.0 Best Action: 1	state((2, 5, 2)) V = 92.0 Best Action: 1
state($(1, 2, 1)$) V = -0.5 Best Action: 3	state((5, 3, 3)) V = -1.0 Best Action: 3	state((4, 5, 4)) V = 98.5 Best Action: 1	state($(4, 2, 1)$) V = -2.5 Best Action: 3	state((3, 4, 2)) V = 95.0 Best Action: 3	state((2, 5, 3)) V = 91.5 Best Action: 3
state((1, 2, 2)) V = -0.5 Best Action: 3	state((5, 3, 4)) V = -1.0 Best Action: 3	state((5, 1, 1)) V = -1.5 Best Action: 3	state((4, 2, 2)) V = -2.5 Best Action: 3	state((3, 4, 3)) V = 95.5 Best Action: 4	state((2, 5, 4)) V = 91.5 Best Action: 4
state((1, 2, 3)) V = -1.0 Best Action: 3	state((5, 4, 1)) V = 98.5 Best Action: 1	state((5, 1, 2)) V = -1.5 Best Action: 3	state((4, 2, 3)) V = -3.0 Best Action: 3	state((3, 4, 4)) V = 95.5 Best Action: 3	state((3, 1, 1)) V = -4.5 Best Action: 3
state((1, 2, 4)) V = -1.0 Best Action: 3	state((5, 4, 2)) V = -0.5 Best Action: 3	state((5, 1, 3)) V = -2.0 Best Action: 3	state((4, 2, 4)) V = -3.0 Best Action: 3	state((3, 5, 1)) V = 97.5 Best Action: 4	state((3, 1, 2)) V = -4.5 Best Action: 3
** * * **		** * * **			** * * **
state($(1, 3, 1)$) V = -0.5 Best Action: 3	state((5, 4, 3)) V = 98.0 Best Action: 4	state((5, 1, 4)) V = -2.0 Best Action: 3	state((4, 3, 1)) V = -2.5 Best Action: 3	state((3, 5, 2)) V = 97.5 Best Action: 3	state((3, 1, 3)) V = -5.0 Best Action: 3
state((1, 3, 2)) V = -0.5 Best Action: 3	state((5, 4, 4)) V = 98.0 Best Action: 3	state((5, 2, 1)) V = -1.5 Best Action: 3	state((4, 3, 2)) V = -2.5 Best Action: 3	state((3, 5, 3)) V = 97.0 Best Action: 3	state((3, 1, 4)) V = -5.0 Best Action: 3
state((1, 3, 3)) V = -1.0 Best Action: 3	iter 2:	state((5, 2, 2)) V = -1.5 Best Action: 3	state((4, 3, 3)) V = 93.5 Best Action: 1	state((3, 5, 4)) V = 98.0 Best Action: 2	state((3, 3, 1)) V = 95.5 Best Action: 2
state((1, 3, 4)) V = -1.0 Best Action: 3	state((1, 1, 1)) V = -1.5 Best Action: 3	state((5, 2, 3)) V = -2.0 Best Action: 3	state((4, 3, 4)) V = -3.0 Best Action: 3	state((4, 1, 1)) V = -3.5 Best Action: 3	state((3, 3, 2)) V = 94.5 Best Action: 3
((, , , , , , , , , , , , , , , , , ,			((, , , , , , , , , , , , , , , , , ,		
state($(1, 4, 1)$) V = -0.5 Best Action: 3	state((1, 1, 2)) V = -1.5 Best Action: 3	state((5, 2, 4)) V = -2.0 Best Action: 3	state((4, 5, 1)) V = 98.0 Best Action: 4	state((4, 1, 2)) V = -3.5 Best Action: 3	state((3, 3, 3)) V = 95.0 Best Action: 4
state($(1, 4, 2)$) V = -0.5 Best Action: 3	state((1, 1, 3)) V = -2.0 Best Action: 3	state((5, 3, 1)) V = -1.5 Best Action: 3	state((4, 5, 2)) V = 98.0 Best Action: 3	state((4, 1, 3)) V = -4.0 Best Action: 3	state((3, 3, 4)) V = 95.0 Best Action: 3
state((1, 4, 3)) V = -1.0 Best Action: 3	state((1, 1, 4)) V = -2.0 Best Action: 3	state((5, 3, 2)) V = -1.5 Best Action: 3	state((4, 5, 3)) V = 97.5 Best Action: 3	state((4, 1, 4)) V = -4.0 Best Action: 3	state((3, 4, 1)) V = 96.0 Best Action: 1
state($(1, 4, 4)$) V = -1.0 Best Action: 3	state((1, 2, 1)) V = -1.5 Best Action: 3	state((5, 3, 3)) V = -2.0 Best Action: 3	state((4, 5, 4)) V = 98.5 Best Action: 1	state((4, 2, 1)) V = -3.5 Best Action: 3	state((3, 4, 2)) V = 95.0 Best Action: 3
				** * **	
state((1, 5, 1)) V = -0.5 Best Action: 3	state((1, 2, 2)) V = -1.5 Best Action: 3	state((5, 3, 4)) V = -2.0 Best Action: 3	state((5, 1, 1)) V = -2.5 Best Action: 3	state((4, 2, 2)) V = -3.5 Best Action: 3	state((3, 4, 3)) V = 95.5 Best Action: 4
state((1, 5, 2)) V = -0.5 Best Action: 3	state((1, 2, 3)) V = -2.0 Best Action: 3	state((5, 4, 1)) V = 98.5 Best Action: 1	state((5, 1, 2)) V = -2.5 Best Action: 3	state((4, 2, 3)) V = -4.0 Best Action: 3	state((3, 4, 4)) V = 95.5 Best Action: 3
state((1, 5, 3)) V = -1.0 Best Action: 3	state((1, 2, 4)) V = -2.0 Best Action: 3	state((5, 4, 2)) V = 97.5 Best Action: 3	state((5, 1, 3)) V = -3.0 Best Action: 3	state((4, 2, 4)) V = -4.0 Best Action: 3	state((3, 5, 1)) V = 97.5 Best Action: 4
state((1, 5, 4)) V = -1.0 Best Action: 3	state((1, 3, 1)) V = -1.5 Best Action: 3	state((5, 4, 3)) V = 98.0 Best Action: 4	state((5, 1, 4)) V = -3.0 Best Action: 3	state((4, 3, 1)) V = 93.0 Best Action: 3	state((3, 5, 2)) V = 97.5 Best Action: 3
state((2, 1, 1)) V = -0.5 Best Action: 3	state((1, 3, 2)) V = -1.5 Best Action: 3	state((5, 4, 4)) V = 98.0 Best Action: 3	state((5, 2, 1)) V = -2.5 Best Action: 3	state((4, 3, 2)) V = 93.0 Best Action: 4	state((3, 5, 3)) V = 97.0 Best Action: 3
** * * *					
state((2, 1, 2)) V = -0.5 Best Action: 3	state((1, 3, 3)) V = -2.0 Best Action: 3	iter 3:	state((5, 2, 2)) V = -2.5 Best Action: 3	state((4, 3, 3)) V = 93.5 Best Action: 1	state((3, 5, 4)) V = 98.0 Best Action: 2
state((2, 1, 3)) V = -1.0 Best Action: 3	state((1, 3, 4)) V = -2.0 Best Action: 3	state((1, 1, 1)) V = -2.5 Best Action: 3	state((5, 2, 3)) V = -3.0 Best Action: 3	state((4, 3, 4)) V = 92.5 Best Action: 3	state((4, 1, 1)) V = 91.0 Best Action: 2
state((2, 1, 4)) V = -1.0 Best Action: 3	state((1, 4, 1)) V = -1.5 Best Action: 3	state((1, 1, 2)) V = -2.5 Best Action: 3	state((5, 2, 4)) V = -3.0 Best Action: 3	state((4, 5, 1)) V = 98.0 Best Action: 4	state((4, 1, 2)) V = -4.5 Best Action: 3
state((2, 4, 1)) V = -0.5 Best Action: 3	state((1, 4, 2)) V = -1.5 Best Action: 3	state((1, 1, 3)) V = -3.0 Best Action: 3	state((5, 3, 1)) V = -2.5 Best Action: 3	state((4, 5, 2)) V = 98.0 Best Action: 3	state((4, 1, 3)) V = 90.5 Best Action: 4
state((2, 4, 2)) V = -0.5 Best Action: 3	state((1, 4, 3)) V = -2.0 Best Action: 3	state((1, 1, 4)) V = -3.0 Best Action: 3	state((5, 3, 2)) V = -2.5 Best Action: 3	state((4, 5, 3)) V = 97.5 Best Action: 3	state((4, 1, 4)) V = 90.5 Best Action: 3
		** * * *	** * * **	** * * **	** * * **
state((2, 4, 3)) V = -1.0 Best Action: 3	state((1, 4, 4)) V = -2.0 Best Action: 3	state((1, 2, 1)) V = -2.5 Best Action: 3	state((5, 3, 3)) V = 93.0 Best Action: 2	state((4, 5, 4)) V = 98.5 Best Action: 1	state((4, 2, 1)) V = 91.5 Best Action: 1
state($(2, 4, 4)$) V = -1.0 Best Action: 3	state((1, 5, 1)) V = -1.5 Best Action: 3	state((1, 2, 2)) V = -2.5 Best Action: 3	state((5, 3, 4)) V = -3.0 Best Action: 3	state((5, 1, 1)) V = -3.5 Best Action: 3	state((4, 2, 2)) V = -4.5 Best Action: 3
state((2, 5, 1)) V = -0.5 Best Action: 3	state((1, 5, 2)) V = -1.5 Best Action: 3	state((1, 2, 3)) V = -3.0 Best Action: 3	state((5, 4, 1)) V = 98.5 Best Action: 1	state((5, 1, 2)) V = -3.5 Best Action: 3	state((4, 2, 3)) V = 91.0 Best Action: 4
state((2, 5, 2)) V = -0.5 Best Action: 3	state((1, 5, 3)) V = -2.0 Best Action: 3	state((1, 2, 4)) V = -3.0 Best Action: 3	state((5, 4, 2)) V = 97.5 Best Action: 3	state((5, 1, 3)) V = -4.0 Best Action: 3	state((4, 2, 4)) V = 91.0 Best Action: 3
				** * * **	
state($(2, 5, 3)$) V = -1.0 Best Action: 3	state((1, 5, 4)) V = -2.0 Best Action: 3	state((1, 3, 1)) V = -2.5 Best Action: 3	state((5, 4, 3)) V = 98.0 Best Action: 4	state((5, 1, 4)) $V = -4.0$ Best Action: 3	state((4, 3, 1)) V = 93.0 Best Action: 3
state($(2, 5, 4)$) V = -1.0 Best Action: 3	state((2, 1, 1)) V = -1.5 Best Action: 3	state((1, 3, 2)) V = -2.5 Best Action: 3	state((5, 4, 4)) V = 98.0 Best Action: 3	state((5, 2, 1)) V = -3.5 Best Action: 3	state((4, 3, 2)) V = 93.0 Best Action: 4
state((3, 1, 1)) V = -0.5 Best Action: 3	state((2, 1, 2)) V = -1.5 Best Action: 3	state((1, 3, 3)) V = -3.0 Best Action: 3	<mark>iter 4:</mark>	state((5, 2, 2)) V = -3.5 Best Action: 3	state((4, 3, 3)) V = 93.5 Best Action: 1
state((3, 1, 2)) V = -0.5 Best Action: 3	state((2, 1, 3)) V = -2.0 Best Action: 3	state((1, 3, 4)) V = -3.0 Best Action: 3	state((1, 1, 1)) V = -3.5 Best Action: 3	state((5, 2, 3)) V = -4.0 Best Action: 3	state((4, 3, 4)) V = 92.5 Best Action: 3
state((3, 1, 3)) V = -1.0 Best Action: 3	state((2, 1, 4)) V = -2.0 Best Action: 3		state((1, 1, 2)) V = -3.5 Best Action: 3	** * * **	
		state((1, 4, 1)) V = -2.5 Best Action: 3	((, , , , , , , , , , , , , , , , , ,	state((5, 2, 4)) V = -4.0 Best Action: 3	state((4, 5, 1)) V = 98.0 Best Action: 4
state((3, 1, 4)) V = -1.0 Best Action: 3	state((2, 4, 1)) V = -1.5 Best Action: 3	state((1, 4, 2)) V = -2.5 Best Action: 3	state((1, 1, 3)) V = -4.0 Best Action: 3	state((5, 3, 1)) V = 92.5 Best Action: 3	state((4, 5, 2)) V = 98.0 Best Action: 3
state($(3, 3, 1)$) V = -0.5 Best Action: 3	state((2, 4, 2)) V = -1.5 Best Action: 3	state((1, 4, 3)) V = -3.0 Best Action: 3	state((1, 1, 4)) V = -4.0 Best Action: 3	state((5, 3, 2)) V = 92.5 Best Action: 4	state((4, 5, 3)) V = 97.5 Best Action: 3
state((3, 3, 2)) V = -0.5 Best Action: 3	state((2, 4, 3)) V = -2.0 Best Action: 3	state((1, 4, 4)) V = -3.0 Best Action: 3	state((1, 2, 1)) V = -3.5 Best Action: 3	state((5, 3, 3)) V = 93.0 Best Action: 2	state((4, 5, 4)) V = 98.5 Best Action: 1
state((3, 3, 3)) V = -1.0 Best Action: 3	state((2, 4, 4)) V = -2.0 Best Action: 3	state((1, 5, 1)) V = -2.5 Best Action: 3	state((1, 2, 2)) V = -3.5 Best Action: 3	state((5, 3, 4)) V = 92.0 Best Action: 3	state((5, 1, 1)) V = 90.5 Best Action: 2
state((3, 3, 4)) V = -1.0 Best Action: 3	state((2, 5, 1)) V = -1.5 Best Action: 3	state((1, 5, 2)) V = -2.5 Best Action: 3	state((1, 2, 3)) V = -4.0 Best Action: 3	state((5, 4, 1)) V = 98.5 Best Action: 1	state((5, 1, 2)) V = -4.5 Best Action: 3
state($(3, 4, 1)$) V = -0.5 Best Action: 3	state((2, 5, 2)) V = -1.5 Best Action: 3	state((1, 5, 3)) V = -3.0 Best Action: 3	state($(1, 2, 4)$) V = -4.0 Best Action: 3	state((5, 4, 2)) V = 97.5 Best Action: 3	state($(5, 1, 3)$) V = 90.0 Best Action: 4
state((3, 4, 2)) V = -0.5 Best Action: 3	state((2, 5, 3)) V = -2.0 Best Action: 3	state((1, 5, 4)) V = -3.0 Best Action: 3	state((1, 3, 1)) V = -3.5 Best Action: 3	state((5, 4, 3)) V = 98.0 Best Action: 4	state((5, 1, 4)) V = 90.0 Best Action: 3
state((3, 4, 3)) V = -1.0 Best Action: 3	state((2, 5, 4)) V = -2.0 Best Action: 3	state((2, 1, 1)) V = -2.5 Best Action: 3	state((1, 3, 2)) V = -3.5 Best Action: 3	state((5, 4, 4)) V = 98.0 Best Action: 3	state((5, 2, 1)) V = 91.0 Best Action: 1
state((3, 4, 4)) V = -1.0 Best Action: 3	state((3, 1, 1)) V = -1.5 Best Action: 3	state((2, 1, 2)) V = -2.5 Best Action: 3	state((1, 3, 3)) V = -4.0 Best Action: 3	iter 5:	state((5, 2, 2)) V = -4.5 Best Action: 3
		** * * **			
state($(3, 5, 1)$) V = -0.5 Best Action: 3	state((3, 1, 2)) V = -1.5 Best Action: 3	state((2, 1, 3)) V = -3.0 Best Action: 3	state((1, 3, 4)) V = -4.0 Best Action: 3	state((1, 1, 1)) V = -4.5 Best Action: 3	state((5, 2, 3)) V = 90.5 Best Action: 4
state($(3, 5, 2)$) V = -0.5 Best Action: 3	state((3, 1, 3)) V = -2.0 Best Action: 3	state((2, 1, 4)) V = -3.0 Best Action: 3	state((1, 4, 1)) V = -3.5 Best Action: 3	state($(1, 1, 2)$) V = -4.5 Best Action: 3	state((5, 2, 4)) V = 90.5 Best Action: 3
state((3, 5, 3)) V = -1.0 Best Action: 3	state((3, 1, 4)) V = -2.0 Best Action: 3	state((2, 4, 1)) V = -2.5 Best Action: 3	state((1, 4, 2)) V = -3.5 Best Action: 3	state((1, 1, 3)) V = -5.0 Best Action: 3	state((5, 3, 1)) V = 92.5 Best Action: 3
state((3, 5, 4)) V = 98.0 Best Action: 2	state((3, 3, 1)) V = -1.5 Best Action: 3	state((2, 4, 2)) V = -2.5 Best Action: 3	state((1, 4, 3)) V = -4.0 Best Action: 3	state((1, 1, 4)) V = -5.0 Best Action: 3	state((5, 3, 2)) V = 92.5 Best Action: 4
state((4, 1, 1)) V = -0.5 Best Action: 3	state((3, 3, 2)) V = -1.5 Best Action: 3	state((2, 4, 3)) V = -3.0 Best Action: 3	state((1, 4, 4)) V = 93.5 Best Action: 2	state((1, 2, 1)) V = -4.5 Best Action: 3	state((5, 3, 3)) V = 93.0 Best Action: 2
state((4, 1, 2)) V = -0.5 Best Action: 3	state((3, 3, 3)) V = -2.0 Best Action: 3	state((2, 4, 4)) V = -3.0 Best Action: 3	state((1, 5, 1)) V = -3.5 Best Action: 3	state((1, 2, 2)) V = -4.5 Best Action: 3	state((5, 3, 4)) V = 92.0 Best Action: 3
state((4, 1, 3)) V = -1.0 Best Action: 3	state((3, 3, 4)) V = -2.0 Best Action: 3	state((2, 5, 1)) V = -2.5 Best Action: 3	state((1, 5, 2)) V = -3.5 Best Action: 3	state((1, 2, 3)) V = -5.0 Best Action: 3	state((5, 4, 1)) V = 98.5 Best Action: 1
state((4, 1, 4)) V = -1.0 Best Action: 3	state((3, 4, 1)) V = -1.5 Best Action: 3	state((2, 5, 2)) V = -2.5 Best Action: 3	state((1, 5, 3)) V = -4.0 Best Action: 3	state((1, 2, 4)) V = -5.0 Best Action: 3	state((5, 4, 2)) V = 97.5 Best Action: 3
state((4, 2, 1)) V = -0.5 Best Action: 3	state((3, 4, 2)) V = -1.5 Best Action: 3	state((2, 5, 3)) V = -3.0 Best Action: 3	state((1, 5, 4)) V = -4.0 Best Action: 3	state((1, 3, 1)) V = -4.5 Best Action: 3	state((5, 4, 3)) V = 98.0 Best Action: 4
state((4, 2, 2)) V = -0.5 Best Action: 3	state((3, 4, 3)) V = -2.0 Best Action: 3	state((2, 5, 4)) V = -3.0 Best Action: 3	state((2, 1, 1)) V = -3.5 Best Action: 3	state((1, 3, 2)) V = -4.5 Best Action: 3	state((5, 4, 4)) V = 98.0 Best Action: 3
state($(4, 2, 3)$) V = -1.0 Best Action: 3	state((3, 4, 4)) $V = -2.0$ Best Action: 3	state((3, 1, 1)) V = -2.5 Best Action: 3	state((2, 1, 2)) V = -3.5 Best Action: 3	state((1, 3, 3)) V = -5.0 Best Action: 3	<mark>iter 6:</mark>
state((4, 2, 4)) V = -1.0 Best Action: 3	state((3, 5, 1)) V = 97.5 Best Action: 4	state((3, 1, 2)) V = -2.5 Best Action: 3	state($(2, 1, 3)$) V = -4.0 Best Action: 3	state($(1, 3, 4)$) V = -5.0 Best Action: 3	state($(1, 1, 1)$) V = -5.5 Best Action: 3
state((4, 3, 1)) V = -0.5 Best Action: 3	state((3, 5, 2)) V = 97.5 Best Action: 3	state((3, 1, 3)) V = -3.0 Best Action: 3	state((2, 1, 4)) V = -4.0 Best Action: 3	state((1, 4, 1)) V = 93.0 Best Action: 4	state((1, 1, 2)) V = -5.5 Best Action: 3
state((4, 3, 2)) V = -0.5 Best Action: 3	state((3, 5, 3)) V = 97.0 Best Action: 3	state((3, 1, 4)) V = -3.0 Best Action: 3	state((2, 4, 1)) V = -3.5 Best Action: 3	state((1, 4, 2)) V = 93.0 Best Action: 3	state((1, 1, 3)) V = -6.0 Best Action: 3
state((4, 3, 3)) V = -1.0 Best Action: 3	state((3, 5, 4)) V = 98.0 Best Action: 2	state((3, 3, 1)) V = 95.5 Best Action: 2	state((2, 4, 2)) V = -3.5 Best Action: 3	state((1, 4, 3)) V = 92.5 Best Action: 3	state((1, 1, 4)) V = -6.0 Best Action: 3
state((4, 3, 4)) V = -1.0 Best Action: 3	state((4, 1, 1)) V = -1.5 Best Action: 3	state((3, 3, 2)) V = -2.5 Best Action: 3	state((2, 4, 3)) V = -4.0 Best Action: 3	state((1, 4, 4)) V = 93.5 Best Action: 2	state((1, 2, 1)) V = 91.0 Best Action: 2
state($(4, 5, 1)$) V = -0.5 Best Action: 3	state((4, 1, 2)) V = -1.5 Best Action: 3	state((3, 3, 3)) V = 95.0 Best Action: 4	state((2, 4, 4)) V = 94.0 Best Action: 1	state((1, 5, 1)) V = -4.5 Best Action: 3	state((1, 2, 2)) V = -5.5 Best Action: 3
state((4, 5, 2)) V = -0.5 Best Action: 3	state((4, 1, 3)) V = -2.0 Best Action: 3	state((3, 3, 4)) V = 95.0 Best Action: 3	state((2, 5, 1)) V = -3.5 Best Action: 3	state((1, 5, 2)) V = 91.5 Best Action: 1	state((1, 2, 3)) V = 90.5 Best Action: 4
state((4, 5, 3)) V = -1.0 Best Action: 3	state((4, 1, 4)) V = -2.0 Best Action: 3	state((3, 4, 1)) V = 96.0 Best Action: 1	state((2, 5, 2)) V = -3.5 Best Action: 3	state((1, 5, 3)) V = 91.0 Best Action: 3	state((1, 2, 4)) V = 90.5 Best Action: 3
state((4, 5, 4)) V = 98.5 Best Action: 1	state((4, 2, 1)) V = -1.5 Best Action: 3	state((3, 4, 2)) V = -2.5 Best Action: 3	state((2, 5, 3)) V = -4.0 Best Action: 3	state((1, 5, 4)) V = 91.0 Best Action: 4	state((1, 3, 1)) V = 91.5 Best Action: 1
state((5, 1, 1)) V = -0.5 Best Action: 3	state((4, 2, 2)) V = -1.5 Best Action: 3	state((3, 4, 3)) V = 95.5 Best Action: 4	state((2, 5, 4)) V = -4.0 Best Action: 3	state((2, 1, 1)) V = -4.5 Best Action: 3	state((1, 3, 2)) V = -5.5 Best Action: 3
state($(5, 1, 2)$) V = -0.5 Best Action: 3	state((4, 2, 3)) V = -2.0 Best Action: 3	state((3, 4, 4)) V = 95.5 Best Action: 3	state((3, 1, 1)) V = -3.5 Best Action: 3	state((2, 1, 2)) V = -4.5 Best Action: 3	state((1, 3, 3)) V = 91.0 Best Action: 4
state((5, 1, 3)) V = -1.0 Best Action: 3	state((4, 2, 4)) V = -2.0 Best Action: 3	state((3, 5, 1)) V = 97.5 Best Action: 4	state((3, 1, 2)) V = -3.5 Best Action: 3	state((2, 1, 3)) V = -5.0 Best Action: 3	state((1, 3, 4)) V = 91.0 Best Action: 3
state((5, 1, 4)) V = -1.0 Best Action: 3	state((4, 3, 1)) V = -1.5 Best Action: 3	state((3, 5, 2)) V = 97.5 Best Action: 3	state((3, 1, 3)) V = -4.0 Best Action: 3	state((2, 1, 4)) V = -5.0 Best Action: 3	state((1, 4, 1)) V = 93.0 Best Action: 4
state((5, 2, 1)) V = -0.5 Best Action: 3	state((4, 3, 2)) V = -1.5 Best Action: 3	state((3, 5, 3)) V = 97.0 Best Action: 3	state((3, 1, 4)) V = -4.0 Best Action: 3	state((2, 4, 1)) V = 93.5 Best Action: 4	state((1, 4, 2)) V = 93.0 Best Action: 3
State((3) 2) 1)) V - 0.3 DCSt ACTION. 3	υτατοί(1, 3, 2)) ν – 1.3 Dest ποτίοπ. 3	State((a) a) a)) v - ario best Attion.	State((S) 1) 7/1 V - 4.0 DESCACION. S	State((2), 7, 1)) v = 55.5 Dest Action. 4	5.00.0((±) ¬, ±)) v - 55.0 DESTACTION. 5

Section Sect										
Seedig 1, 19 2 - 60 See According Se	state((1, 4, 3)) V = 92.5	Best Action: 3	state((1, 1, 4)) V = 89.0	Best Action: 3	state((5, 3, 2)) V = 92.5	Best Action: 4	state((4, 5, 3)) V = 97.5	Best Action: 3	state((4, 1, 4)) V = 90.5	Best Action: 3
Care 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	state((1, 4, 4)) V = 93.5	Best Action: 2	state((1, 2, 1)) V = 91.0	Best Action: 2	state((5, 3, 3)) V = 93.0	Best Action: 2	state((4, 5, 4)) V = 98.5	Best Action: 1	state((4, 2, 1)) V = 91.5	Best Action: 1
Campil 1, 14 V - 15 Dec Action 3 Campil 1, 14 V	state((1, 5, 1)) V = 90.5	Best Action: 3	state((1, 2, 2)) V = 90.0	Best Action: 3	state((5, 3, 4)) V = 92.0	Best Action: 3	state((5, 1, 1)) V = 90.5	Best Action: 2	state((4, 2, 2)) V = 90.5	Best Action: 3
Set 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	state((1, 5, 2)) V = 91.5	Best Action: 1							state((4, 2, 3)) V = 91.0	Best Action: 4
Search 1, 1			, , ,,							
Search 1, 1, 1, 1, 1, 2, 1, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,										
Seale(1, 2, 1) V = 50						Best Action: 3				
State 1.4 19 \cdots Sect Addition State Section	** * * **					Doot Astion, 1				
Seate C. 2, 17 \rightary Seate C. 2,							** * **			
Inter(1, 4, 9) v = 90										
Sample C. A V P SD Des Actions Sample C. A V							** * **			
State C. 10 V = 90.0 Des Action State C. 20 V = 90.0 S										
State(1), 5, 7 19 - 70 Rest Actions stat										
state([1, 5, 3] \(\frac{1}{2}\) = 3.5 state Action 1 state([1, 5, 2] \(\frac{1}{2}\) = 5.0 state([1, 5, 3] \(\frac{1}{										
State(1, 1, 1)	state((2, 5, 3)) V = 91.5	Best Action: 3								
State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 4 State(0, 1, 1) v = 50 Rest Action 3 State(0, 1, 1) v = 50 Rest Action 4 State(0, 1, 1) v = 50 Rest Action 4 State(0, 1, 1) v = 50 Rest Action 4 State(0, 1, 1) v = 50 Rest Action 5 State(0, 1, 1) v = 50 Rest Action 6 State(0, 1, 1) v = 50 Rest Action 7 State(0, 1, 1) v = 50 Rest Action 7 State(0, 1, 1) v = 50 Rest Action 6 State(0, 1, 1) v = 50 Rest Action 7 State(0, 1, 1) v = 50 Re	state((2, 5, 4)) V = 91.5	Best Action: 4	state((2, 1, 1)) V = 88.0	Best Action: 4	state((1, 3, 2)) V = 90.5	Best Action: 3	state((5, 4, 4)) V = 98.0	Best Action: 3	state((5, 2, 1)) V = 91.0	Best Action: 1
state(, 1, 2) v = 0 set Actions state(, 1, 2) v = 80 set Actions state(, 1, 2) v = 80	state((3, 1, 1)) V = -5.5	Best Action: 3	state((2, 1, 2)) V = 88.0	Best Action: 3	state((1, 3, 3)) V = 91.0	Best Action: 4	<mark>iter 9:</mark>		state((5, 2, 2)) V = 90.0	Best Action: 3
Statiff(1, 1, 1) \(\sigma\) Statiff(2, 1, 1) \(\sigma\) Statiff(2, 2, 1) \(\sigma\) Statiff(3, 2, 1) \(\sigma\) Stat	state((3, 1, 2)) V = -5.5	Best Action: 3			state((1, 3, 4)) V = 91.0	Best Action: 3	state((1, 1, 1)) V = 89.5	Best Action: 1		
State(1, 3, 1) v = 95.5 Best Action: 3 state(1, 2, 4) v = 93.6 Best Action: 3 state(1, 4, 4) v = 86.0 Best Action: 3 state(1, 4, 4) v = 86.0 Best Action: 3 state(1, 5, 3) v = 10.5 Best Action: 4 state(1, 5, 3) v = 10.5 Best Action: 4 state(1, 5, 3) v = 10.5 Best Action: 5 State(1, 5, 3) v = 10.5 Best Action: 5 State(1, 5, 3) v = 10.5 Best Action: 5 State(1, 5, 3) v = 10.5 Best Action: 5 State(1, 5, 3) v = 10.5 Best Action: 6 State(1, 5, 3) v = 10.5 Best Action: 7 State(1, 5, 3) v = 10.5 Best Action: 7 State(1, 5, 3) v = 10.5 Best Action: 6 State(1, 5, 3) v = 10.5 Best Action: 7 State(1, 5, 3) v = 10.5 Best Action: 8 State(1, 5, 3) v = 10.5 Best Action: 8 State(1, 5, 3) v = 10.5 Best Action: 8 State(1, 5, 3) v = 10.5 Best Action: 8 State(1, 5, 3) v = 10.5 Best Action: 8 State(1, 5, 3) v = 10.5 Best Action: 9 State(1, 5, 3) v = 10.5 Best Action: 9 State(1, 5, 3) v										
State (1, 3, 2) V = 94.5 Set Action 1 State (1, 4, 4) V = 50.0 Set Action 2 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 3 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 4 State (1, 5, 2) V = 50.5 Set Action 5 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V = 50.5 Set Action 6 State (1, 5, 2) V										
State([1, 3, 3)] w = 90. Best Action 3 State([2, 4, 4]] w = 90. Best Action 3 State([3, 4, 4]] w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 3 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 4 State([3, 4, 3]) w = 90. Best Action 5 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 7 State([4, 4, 3]) w = 90. Best Action 7 State([4, 4, 3]) w = 90. Best Action 8 State([4, 4, 3]) w = 90. Best Action 8 State([4, 4, 3]) w = 90. Best Action 9 State([4, 4, 3]) w = 90. Best Action 9 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 6 State([4, 4, 3]) w = 90. Best Action 7 State([4, 4, 3]) w = 90. Best Action 8 State([4, 4, 3]) w = 90. Best Action 8 State([4, 4, 3]) w = 90. Best Action 8 State([4, 4, 3]) w = 90	, , ,,									
State([3, 4, 4] V = 96. Best Action: 1 state([2, 5, 2] V = 20. Best Action: 1 state([3, 5, 4] V = 97. Best Action: 3 state([1, 5, 3] V = 91. Best Action: 3 state([1, 5, 3] V = 91. Best Action: 4 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 4 state([1, 5, 3] V = 91. Best Action: 4 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91. Best Action: 5 state([1, 5, 3] V = 91.										
state[(3, 4, 11) v = 96.0 Best Action: 3 state[(3, 5, 21) v = 92.0 Best Action: 3 state[(3, 4, 21) v = 90.0 Best Action: 3 state[(3, 4, 31) v = 93.0 Best Action										
State([1, 4, 2]) v = 95.0 Best Actions 3 State([1, 5, 9]) v = 95.0 Best Actions 4 State([2, 1, 1]) v = 95.5 Best Actions 4 State([2, 1, 1]) v = 85.0 Best Actions 3 State([2, 1, 1]) v = 85.0 Best Actions 3 State([2, 1, 1]) v = 85.0 Best Actions 3 State([2, 1, 1]) v = 95.5 Best Actions 3 State([2, 1, 1]) v = 95.5 Best Actions 3 State([2, 1, 1]) v = 95.5 Best Actions 3 State([2, 1, 1]) v = 95.5 Best Actions 3 State([2, 1, 1]) v = 95.5 Best Actions 3 State([2, 4, 1]) v = 95.5 Best Actions 4 State([2, 4, 1]) v = 95.5 Best Actions 4 State([2, 4, 1]) v = 95.5 Best Actions 4 State([2, 4, 1]) v = 95.5 Best Actions 4 State([2, 4, 1]) v = 95.5 Best Actions 4 State([2, 4, 1]) v = 95.5 Best Actions 4 State([2, 5, 1]) v = 95.5 Best Actions 4 State([2, 5, 1]) v = 95.5 Best Actions 4 State([2, 5, 1]) v = 95.5 Best Actions 4 State([2, 5, 1]) v = 95.5 Best Actions 4 State([2, 5, 1]) v										
state([3, 4, 3) w - 9.5 Best Action: 4 state([2, 5, 6) w - 9.5 Best Action: 4 state([3, 5, 1) w - 9.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 3 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 8.5 Best Action: 4 state([3, 1, 1) w - 9.5 Best Action: 4 state([3, 1, 1) w - 9.5 Best Action: 4 state([3, 1, 1) w - 9.5 Best Action: 4 state([3, 1, 1) w - 9.5 Best Action: 4 state([3, 2, 3) w - 9.5 Best Action: 4 state([3, 3, 1] w - 9.5 Best Action: 4 state([3, 3, 1] w - 9.5 Best Action: 4 state([3, 3, 1] w - 9.5 Best Action: 4 state([3, 3, 1] w - 9.5 Best Action: 4 state([3, 3, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5 Best Action: 4 state([3, 4, 1] w - 9.5										
state(3, 4, 1) \to = 98.5 set Action 3 state(3, 5, 1) \to = 88.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 3 state(3, 5, 1) \to = 98.5 set Action 3 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 4 state(3, 5, 1) \to = 98.5 set Action 3 state(3, 5, 1) \to = 98										
state([3, 5, 1) V = 97.5 Best Action: 3 state([1, 1, 1) V = 83.5 Best Action: 3 state([1, 1, 1) V										Dest Action. 5
										Best Action: 1
state[(3, 5, 9) V = 97.0 best Action: 3 state[(3, 5, 9) V = 93.0 best Action: 4 state[(3, 5, 9) V = 93.0 state[(4, 1, 1) V = 9										
state(4, 4, 0 v = 98.0 Best Action: 2 state(4, 4, 2, 0 v = 93.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 4 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0 v = 90.0 Best Action: 3 state(4, 4, 0			** * **				** * * **		** * * **	
state((4, 1, 7)) v = 90.0 Best Action: 4 state((1, 4, 1)) v = 90.5 Best Action: 3 state((1, 5, 1)) v = 90.5 Best Action: 3 state((1, 5, 1)) v = 90.5 Best Action: 3 state((1, 5, 1)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((1, 5, 3)) v = 90.5 Best Action: 3 state((2, 1, 1)) v = 90.5 Best Action: 3 state((2, 1, 1)) v = 90.5 Best Action: 3 state((2, 1, 1)) v = 90.5 Best Action: 3 state((2, 1, 1)) v = 90.5 Best Action: 3 state((2, 1, 1) v = 90.5 Best Action: 3 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
state([4, 1, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 4 state([2, 5, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 2, 3]) v = 9.0.5 Best Action: 3 state([4, 3, 3]) v =	state((4, 1, 1)) V = 91.0	Best Action: 2	state((3, 3, 2)) V = 94.5	Best Action: 3	state((2, 4, 3)) V = 93.0	Best Action: 3	state((1, 4, 4)) V = 93.5	Best Action: 2	state((1, 2, 1)) V = 91.0	Best Action: 2
state[(a, 1, a) v = 9.05 sest Action: 3 state[(a, 1, a) v = 9.06 sest Action: 3 state[(a, 2, a) v = 9.05 sest Action: 3 state[(a, 2, a) v = 9.05 sest Action: 3 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 3 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 2, a) v = 9.05 sest Action: 4 state[(a, 3, a) v = 9.05 sest Action: 3 state[(a, 3, a) v = 9.05 sest Action: 4 state[(a, 3, a) v = 9.05 sest Action: 3 state[(a, 3, a) v = 9.05 sest Action: 3 state[(a, 3, a) v = 9.05 sest Action: 4 state[(a, 3, a) v = 9.05 sest Action: 3 state[(a, 3, a) v	state((4, 1, 2)) V = 90.0	Best Action: 3	state((3, 3, 3)) V = 95.0	Best Action: 4	state((2, 4, 4)) V = 94.0	Best Action: 1	state((1, 5, 1)) V = 90.5	Best Action: 3	state((1, 2, 2)) V = 90.0	Best Action: 3
state(4, 2, 1) v = 9.5 Best Action: 3 state(3, 4, 2) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(3, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 4 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 4, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v = 9.5 Best Action: 3 state(4, 5, 3) v =	state((4, 1, 3)) V = 90.5	Best Action: 4	state((3, 3, 4)) V = 95.0	Best Action: 3	state((2, 5, 1)) V = 91.0	Best Action: 3	state((1, 5, 2)) V = 91.5	Best Action: 1	state((1, 2, 3)) V = 90.5	Best Action: 4
state([4, 2, 2) V = 90.5 Best Action: 3 state([3, 4, 3) V = 91.5 Best Action: 4 state([3, 4, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 4 state([4, 2, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 3 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([3, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 4 state([4, 5, 4) V = 91.6 Best Action: 3 state([4, 5, 4) V = 91.6 Best Action							** * * **			
state(4, 2, 3 V = 9.10 Best Action: 4 state(4, 2, 3) V = 9.10 Best Action: 3 state(4, 3, 3) V = 9.10 Best Action: 3 state(4, 3, 3) V = 9.10 Best Action: 3 state(4, 3, 3) V = 9.10 Best Action: 3 state(4, 3, 3) V = 9.10 Best Action: 3 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 3 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 4 state(4, 3, 3) V = 9.10 Best Action: 3 state(4, 4, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 4 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V = 9.10 Best Action: 3 state(4, 5, 3) V										
state(4, 2, 4 V = 91.0 Best Action: 3 state(4, 2, 4) V = 91.0 Best Action: 3 state(4, 2, 4) V = 91.0 Best Action: 3 state(4, 2, 4) V = 91.0 Best Action: 3 state(4, 3, 4) V = 91.0 Best Action: 3 state(4, 3, 4) V = 91.0 Best Action: 3 state(4, 3, 4) V = 91.0 Best Action: 3 state(4, 3, 4) V = 91.0 Best Action: 4 state(4, 3, 4) V = 91.0 Best Action: 3 state(4, 4, 4) V = 91.0 Best Action: 3 state(4, 4, 4) V = 91.0 Best Action: 4 state(4, 4, 4) V = 91.0 Best Action: 3 state(4, 4, 4) V = 91.0 Best Action: 4 state(4, 4, 4) V = 91.0 Best Action: 4 state(4, 4, 4) V = 91.0 Best Action: 4 state(4, 5, 4) V = 91.0 Best Action: 4 state(4, 5, 4) V = 91.0 Best Action: 4 state(4, 5, 4) V = 91.0 Best Action: 3 state(4, 5, 4) V										
state((4, 3, 1) \(\) = 9.80 Best Action: 3 state((3, 5, 2) \(\) = 9.75 Best Action: 3 state((4, 4, 1) \(\) = 8.00 Best Action: 3 state((4, 4, 1) \(\) = 9.80 Best Action: 3 state((4, 4, 2) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 4, 3) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 3) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 2) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action: 3 state((4, 5, 4) \(\) = 9.80 Best Action									** * * **	
state((3, 2, 1)) = 93.0 Best Action: 4 state((3, 5, 3)) = 97.0 Best Action: 4 state((3, 5, 4)) = 98.0 Best Action: 3 state((3, 4, 4)) = 93.0 Best Action: 3 state((4, 4, 2)) = 93.0 Best Action: 3 state((4, 4, 4)) = 93.5 Best Action: 3 state((4, 4, 4)) = 93.0 Best Action: 3 state((4, 5, 4)) = 93.0 Best Action: 3 state((3, 4, 4)) = 93.0 Best Action: 3 state((4, 5, 4)) = 93.0 Best Action: 3 state((3, 4, 4)) =										
state((3, 3, 3)) V = 9.25 Best Action: 1 state((3, 3, 3)) V = 9.5 Best Action: 2 state((3, 4, 3)) V = 9.5 Best Action: 3 state((4, 4, 3)) V = 9.5 Best Action: 3 state((4, 4, 3)) V = 9.5 Best Action: 3 state((4, 4, 3)) V = 9.5 Best Action: 3 state((4, 4, 2)) V = 9.0 Best Action: 3 state((4, 5, 2)) V = 9.0 Best Action: 3 state((3, 3, 3)) V = 9.5 Best Action: 3 state((1, 4, 3)) V = 9.5 Best Action: 3 state((1, 4, 3)) V = 9.5 Best Action: 3 state((1, 4, 2)) V = 9.0 Best Action: 3 state((1, 4, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 4, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0 Best Action: 3 state((1, 5, 2)) V = 9.0										
state((4, 3, 4)) v = 92.5 Best Action: 3 state((4, 4, 1)) v = 90.6 Best Action: 2 state((3, 3, 3)) v = 90.5 Best Action: 3 state((4, 4, 3)) v = 90.5 Best Action: 3 state((4, 4, 3)) v = 90.5 Best Action: 3 state((4, 4, 3)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((4, 5, 2)) v = 90.5 Best Action: 3 state((5, 5, 2)) v = 90.5 Best Action: 3 state((5, 5, 2)) v = 90.5 Best Action: 3 state((5, 5, 4)) v = 90.5 Best Action: 3 state((5, 5, 3)) v = 90.5 Best Action: 3 state((5, 5, 3)) v = 90.5 Best Action			** * **				** * * **		, , ,,	
$state([4,5,2]) \ V = 98.0 \ Best Action: 3 \ state([4,1,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 4 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([4,5,2]) \ V = 90.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 4 \ state([5,5,2]) \ V = 91.0 \ Best Action: 4 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 4 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 4 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V = 91.0 \ Best Action: 3 \ state([5,5,2]) \ V $										
state((4, 5, 2)) V = 98.0 Best Action: 3										
state((4, 5, 3)) V = 97.5 Best Action: 3 state((4, 4, 4)) V = 90.5 state((4, 5, 4)) V = 90.5 state((4, 5, 4)) V = 90.5 Best Action: 1 state((4, 5, 4)) V = 91.5 Best Action: 3 state((4, 5, 4)) V = 91.5 Best Action: 3 state((4, 5, 4)) V = 91.5 Best Action: 3 state((4, 5, 4)) V = 91.5 Best Action: 3 state((4, 2, 2)) V = 91.5 Best Action: 4 state((5, 1, 1)) V = 80.0 Best Action: 3 state((4, 2, 2)) V = 91.5 Best Action: 4 state((5, 1, 1)) V = 80.0 Best Action: 3 state((4, 2, 2)) V = 91.5 Best Action: 4 state((5, 1, 1)) V = 80.0 Best Action: 3 state((5, 1, 1)) V = 80.0 Best Action: 4 state((4, 2, 2)) V = 91.0 Best Action: 4 state((4, 2, 3)) V = 91.0 Best Action: 3 state((3, 4, 4)) V = 95.5 Best Action: 3 state((5, 1, 1)) V = 80.0 Best Action: 3 state((5, 1, 1)) V = 90.0 Best Action: 3 state((5, 1, 1)) V = 90.0 Best Action: 3 state((5, 1, 1)) V = 90.0			** , , ,,							
state((5, 1, 1)) v = 90.5 Best Action: 2 state((4, 2, 2)) v = 90.5 Best Action: 3 state((3, 4, 3)) v = 95.5 Best Action: 4 state((2, 1, 1)) v = 88.0 Best Action: 3 state((5, 1, 2)) v = 80.5 Best Action: 3 state((3, 4, 3)) v = 90.0 Best Action: 4 state((3, 5, 2)) v = 80.0 Best Action: 3 state((3, 1, 1)) v = 88.5 Best Action: 4 state((3, 1, 1)) v = 88.0 Best Action: 3 state((5, 1, 3)) v = 90.0 Best Action: 3 state((3, 5, 2)) v = 90.0 Best Action: 3 state((3, 5, 2)) v = 90.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((2, 1, 3)) v = 88.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((2, 1, 3)) v = 88.0 Best Action: 3 state((2, 1, 3)) v = 88.0 Best Action: 3 state((2, 1, 3)) v = 88.0 Best Action: 3 state((2, 1, 3)) v = 98.0 Best Action: 3 state((3, 1, 3)) v = 88.0 Best Action: 3 state((2, 1, 3)) v = 90.0	state((4, 5, 3)) V = 97.5	Best Action: 3	state((4, 1, 4)) V = 90.5	Best Action: 3	state((3, 4, 1)) V = 96.0	Best Action: 1	state((2, 5, 2)) V = 92.0	Best Action: 1	state((1, 5, 3)) V = 91.0	Best Action: 3
	state((4, 5, 4)) V = 98.5	Best Action: 1					state((2, 5, 3)) V = 91.5	Best Action: 3	state((1, 5, 4)) V = 91.0	Best Action: 4
state((5, 1, 3)) V = 90.0 Best Action: 4 state((3, 2, 1)) V = 91.0 Best Action: 3 state((3, 5, 1)) V = 97.5 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 88.0 Best Action: 3 state((3, 1, 3)) V = 88.0 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 88.5 Best Action: 3 state((3, 1, 3)) V = 95.5 Best Action: 3 state((3, 1, 3)) V = 95.5 Best Action: 3 state((3, 1, 3)) V = 95.5 Best Action: 3 state((3, 2, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 3, 3)) V = 95.5 Best Action: 3 state((3, 5, 3)) V = 95.5 Best Action: 3 <t< td=""><td>state((5, 1, 1)) V = 90.5</td><td>Best Action: 2</td><td>state((4, 2, 2)) V = 90.5</td><td>Best Action: 3</td><td></td><td></td><td>state((2, 5, 4)) V = 91.5</td><td>Best Action: 4</td><td></td><td></td></t<>	state((5, 1, 1)) V = 90.5	Best Action: 2	state((4, 2, 2)) V = 90.5	Best Action: 3			state((2, 5, 4)) V = 91.5	Best Action: 4		
state((5, 1, 4)) V = 90.0 Best Action: 3 state((3, 2, 1)) V = 97.5 Best Action: 3 state((3, 1, 3)) V = 88.0 Best Action: 3 state((2, 1, 4)) V = 88.5 Best Action: 2 state((5, 2, 1)) V = 90.0 Best Action: 3 state((3, 3, 3)) V = 97.0 Best Action: 3 state((3, 1, 4)) V = 89.0 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 4 state((5, 2, 2)) V = 90.0 Best Action: 4 state((4, 3, 4)) V = 92.5 Best Action: 3 state((3, 3, 4)) V = 95.5 Best Action: 2 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 1)) V = 93.5 Best Action: 3 state((2, 4, 3)) V = 93.5 Best Action: 3 state((2, 4, 3)) V = 93.5 Best Action: 3 state((3, 3, 3)) V = 93.5 Best Action: 3 state((2, 4, 4)) V = 93.5 Best Action: 3 state((3, 3, 3)) V = 93.5 Best Action: 3 state((2, 4, 4)) V = 93.5 Best Action: 3 state((3, 3, 4)) V = 93.5 Best Action: 3 state((3, 3, 4)) V = 93.5									** * * **	
$ state((5, 2, 1)) \ V = 91.0 \\ state((5, 2, 2)) \ V = 90.0 \\ state((5, 2, 2)) \ V = 90.0 \\ state((5, 2, 2)) \ V = 90.0 \\ state((5, 2, 2)) \ V = 90.5 \\ state((5, 2, 2)) \ V = 90.5 \\ state((5, 2, 4)) \ V = 90.5 \\ state((5, 3, 4)) \ V = 90.5 \\ sta$										
state((5, 2, 2)) V = 90.0 Best Action: 3 state((4, 3, 3)) V = 93.5 Best Action: 1 state((3, 5, 4)) V = 98.0 Best Action: 2 state((3, 3, 1)) V = 95.5 Best Action: 3 state((4, 1, 1)) V = 93.0 Best Action: 2 state((3, 3, 1)) V = 94.5 Best Action: 3 state((4, 1, 3)) V = 93.0 Best Action: 3 state((4, 1, 2)) V = 93.0 Best Action: 3 state((4, 1, 2)) V = 93.0 Best Action: 3 state((4, 1, 2)) V = 94.0 Best Action: 3 state((4, 2, 4)) V = 93.0 Best Action: 3 state((4, 2, 4)) V = 93.0 Best Action: 3 state((2, 4, 4)) V = 94.0 Best Action: 1 state((4, 1, 2)) V = 90.0 Best Action: 3 state((4, 2, 4)) V = 94.0 Best Action: 1 state((5, 3, 1)) V = 95.0 Best Action: 3 state((4, 4, 1)) V = 90.0 Best Action: 3 state((5, 3, 1)) V = 95.0 Best Action: 3 state((1, 3, 3)) V = 95.0 Best Action: 3 state((1, 3, 3)) V = 95.0 Best Action: 3 state((1, 4, 3)) V = 95.0 Best Action: 3 state((1, 4, 1)) V = 90.0 Best Action: 3 state((1, 4, 1)) V = 90.0 Best Action: 3 state((1, 4, 1)) V = 90.0 Best Action: 3 state((1, 4, 1)) V = 90.0 Best Action: 3 state((1, 2, 1)) V = 91.0 Best Action: 3 state((1, 2, 1)) V = 91.0 Best Action: 3 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
state((5, 2, 3)) V = 90.5 Best Action: 4 state((4, 3, 4)) V = 92.5 Best Action: 3 state((3, 3, 2)) V = 94.5 Best Action: 3 state((2, 4, 3)) V = 93.0 Best Action: 3 state((5, 2, 4)) V = 90.5 Best Action: 3 state((4, 5, 1)) V = 90.0 Best Action: 3 state((3, 3, 3)) V = 95.0 Best Action: 3 state((2, 4, 4)) V = 94.0 Best Action: 1 state((5, 3, 1)) V = 92.5 Best Action: 3 state((4, 5, 2)) V = 98.0 Best Action: 3 state((3, 3, 4)) V = 95.0 Best Action: 3 state((2, 5, 2)) V = 90.0 Best Action: 3 state((5, 3, 3)) V = 92.5 Best Action: 3 state((4, 5, 3)) V = 93.0 Best Action: 3 state((3, 4, 1)) V = 95.0 Best Action: 3 state((2, 5, 2)) V = 90.0 Best Action: 3 state((5, 3, 3)) V = 92.0 Best Action: 3 state((3, 4, 3)) V = 95.0 Best Action: 3 state((3, 4, 3)) V = 95.0 Best Action: 3 state((3, 5, 3)) V = 90.0 Best Action: 3 state((5, 3, 3)) V = 93.0 Best Action: 3 state((4, 5, 3)) V = 95.0 Best Action: 3 state((3, 4, 3)) V = 95.0 Best Action: 3 state((3, 5, 3)) V = 91.0 Best Action: 3 state((3, 5, 3)) V = 91.0 Best Action: 3 state((3, 4, 3)) V = 91.0 Best Actio										
$state((5,4,1)) \lor = 98.5 \\ state((5,4,2)) \lor = 97.5 \\ state((5,4,2)) \lor = 97.5 \\ state((5,4,2)) \lor = 97.5 \\ state((5,4,3)) \lor = 98.0 \\ state((5,4,3)) \lor = 98.0 \\ state((5,4,3)) \lor = 98.0 \\ state((5,4,4)) \lor = 98.0 \\ state((5,4,3)) \lor = 98.0 \\ state((3,5,4)) \lor$	** * * **		** * **							
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$										
state((5, 4, 3)) V = 98.0 Best Action: 4 state((5, 1, 4)) V = 90.0 Best Action: 3 state((4, 3, 1)) V = 93.0 Best Action: 3 state((3, 5, 2)) V = 97.5 Best Action: 3 state((3, 1, 3)) V = 88.0 Best Action: 3 state((5, 4, 4)) V = 98.0 Best Action: 3 state((5, 2, 1)) V = 91.0 Best Action: 1 state((4, 3, 2)) V = 93.0 Best Action: 4 state((3, 5, 2)) V = 97.0 Best Action: 3 state((3, 1, 3)) V = 89.0 Best Action: 3 iter 7: state((5, 2, 2)) V = 90.0 Best Action: 3 state((4, 3, 3)) V = 93.5 Best Action: 1 state((3, 5, 4)) V = 98.0 Best Action: 2 state((3, 3, 1)) V = 95.5 Best Action: 2 state((1, 1, 1)) V = 89.5 Best Action: 1 state((5, 2, 3)) V = 90.5 Best Action: 4 state((4, 3, 4)) V = 92.5 Best Action: 3 state((4, 1, 1)) V = 91.0 Best Action: 2 state((3, 3, 2)) V = 94.5 Best Action: 3 state((1, 1, 2)) V = -6.5 Best Action: 3 state((4, 5, 1)) V = 98.0 Best Action: 4 state((4, 5, 1)) V = 90.0 Best Action: 3 state((3, 3, 3)) V = 95.0 Best Action: 4										
state((5, 4, 4)) V = 98.0 Best Action: 3 state((5, 2, 1)) V = 91.0 Best Action: 1 state((4, 3, 2)) V = 93.0 Best Action: 4 state((3, 5, 3)) V = 97.0 Best Action: 3 state((3, 1, 4)) V = 89.0 Best Action: 1 iter 7: state((1, 1, 1)) V = 89.5 Best Action: 1 state((5, 2, 2)) V = 90.0 Best Action: 3 Best Action: 3 state((3, 5, 4)) V = 98.0 Best Action: 2 state((3, 3, 1)) V = 95.5 Best Action: 2 state((1, 1, 1)) V = 89.5 Best Action: 3 state((5, 2, 3)) V = 90.5 Best Action: 4 state((4, 3, 4)) V = 92.5 Best Action: 3 state((4, 1, 1)) V = 91.0 Best Action: 2 state((3, 3, 2)) V = 94.5 Best Action: 3 state((1, 1, 2)) V = -6.5 Best Action: 3 state((4, 5, 1)) V = 98.0 Best Action: 4 state((4, 1, 2)) V = 90.0 Best Action: 3 state((3, 3, 3)) V = 95.0 Best Action: 4	** * * **									
state((1, 1, 1)) V = 89.5 Best Action: 1 state((5, 2, 3)) V = 90.5 Best Action: 3 state((4, 3, 4)) V = 92.5 Best Action: 3 state((4, 1, 1)) V = 91.0 Best Action: 2 state((3, 3, 2)) V = 94.5 Best Action: 3 state((1, 1, 2)) V = -6.5 Best Action: 3 state((4, 5, 1)) V = 98.0 Best Action: 4 state((4, 1, 2)) V = 90.0 Best Action: 3 state((3, 3, 3)) V = 95.0 Best Action: 4	state((5, 4, 4)) V = 98.0	Best Action: 3								
state((1, 1, 2)) V = -6.5 Best Action: 3 state((5, 2, 4)) V = 90.5 Best Action: 3 state((4, 5, 1)) V = 98.0 Best Action: 4 state((4, 1, 2)) V = 90.0 Best Action: 3 state((3, 3, 3)) V = 95.0 Best Action: 4										
$state((1, 1, 3)) \ V = 89.0$ Best Action: 4 $state((5, 3, 1)) \ V = 92.5$ Best Action: 3 $state((4, 5, 2)) \ V = 98.0$ Best Action: 3 $state((4, 1, 3)) \ V = 90.5$ Best Action: 4 $state((3, 3, 4)) \ V = 95.0$ Best Action: 3	** , , ,,									
	state((1, 1, 3)) V = 89.0	Best Action: 4	state((5, 3, 1)) V = 92.5	Best Action: 3	state($(4, 5, 2)$) V = 98.0	Best Action: 3	state((4, 1, 3)) V = 90.5	Best Action: 4	state((3, 3, 4)) V = 95.0	Best Action: 3

state((3, 4, 1)) V = 96.0 Best Action: 1 state((3, 4, 2)) V = 95.0 Best Action: 3 state((3, 4, 3)) V = 95.5 Best Action: 4 state((3, 4, 4)) V = 95.5 Best Action: 3 state((3, 5, 1)) V = 97.5 Best Action: 4 state((3, 5, 2)) V = 97.5 Best Action: 3 state((3, 5, 3)) V = 97.0 Best Action: 3 state((3, 5, 4)) V = 98.0 Best Action: 2 state((4, 1, 1)) V = 91.0 Best Action: 2 state((4, 1, 2)) V = 90.0 Best Action: 3 state((4, 1, 3)) V = 90.5 Best Action: 4 state((4, 1, 4)) V = 90.5 Best Action: 3 state((4, 2, 1)) V = 91.5 Best Action: 1 state((4, 2, 2)) V = 90.5 Best Action: 3 state((4, 2, 3)) V = 91.0 Best Action: 4 state((4, 2, 4)) V = 91.0 Best Action: 3 state((4, 3, 1)) V = 93.0 Best Action: 3 state((4, 3, 2)) V = 93.0 Best Action: 4 state((4, 3, 3)) V = 93.5 Best Action: 1 state((4, 3, 4)) V = 92.5 Best Action: 3 state((4, 5, 1)) V = 98.0 Best Action: 4 state((4, 5, 2)) V = 98.0 Best Action: 3 state((4, 5, 3)) V = 97.5 Best Action: 3 state((4, 5, 4)) V = 98.5 Best Action: 1 state((5, 1, 1)) V = 90.5 Best Action: 2 state((5, 1, 2)) V = 89.5 Best Action: 3 state((5, 1, 3)) V = 90.0 Best Action: 4 state((5, 1, 4)) V = 90.0 Best Action: 3 state((5, 2, 1)) V = 91.0 Best Action: 1 state((5, 2, 2)) V = 90.0 Best Action: 3 state((5, 2, 3)) V = 90.5 Best Action: 4 state((5, 2, 4)) V = 90.5 Best Action: 3 state((5, 3, 1)) V = 92.5 Best Action: 3 state((5, 3, 2)) V = 92.5 Best Action: 4 state((5, 3, 3)) V = 93.0 Best Action: 2 state((5, 3, 4)) V = 92.0 Best Action: 3 state((5, 4, 1)) V = 98.5 Best Action: 1 state((5, 4, 2)) V = 97.5 Best Action: 3 state((5, 4, 3)) V = 98.0 Best Action: 4 state((5, 4, 4)) V = 98.0 Best Action: 3 Result: [((1, 1, 4), (89.0, 3)), ((1, 1, 1), (89.5, 1)), ((1, 2, 1), (91.0, 2)), ((1, 4, 1),

Result: [((1, 1, 4), (89.0, 3)), ((1, 1, 1), (89.5, 1)), ((1, 2, 1), (91.0, 2)), ((1, 4, 1), (93.0, 4)), ((1, 4, 4), (93.5, 2)), ((3, 4, 4), (95.5, 3)), ((3, 4, 1), (96.0, 1)), ((3, 5, 1), (97.5, 4)), ((3, 5, 4), (98.0, 2)), ((5, 5, 4), None)]

nord.	atata(/F 1 1)\V OF Boot Action: 3	-t-t-//4 1 1)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	atata//2 1 1\\\\\ 1 6000000000000000000000000000	atata//4 F 4)\\\
iter 1:	state((5, 1, 1)) V = -0.5 Best Action: 3	state((4, 1, 1)) V = -1.220000000000000 Best Action: 3	state((3, 1, 1)) V = -1.6808000000000003 Best Action: 3	state((1, 5, 1)) V = -1.9757120000000004 Best Action: 3
state((1, 1, 1)) V = -0.5 Best Action: 3	state((5, 1, 2)) V = -0.5 Best Action: 3 state((5, 1, 3)) V = -0.9 Best Action: 3	state((4, 1, 2)) V = -1.220000000000000 Best Action: 3	state((3, 1, 2)) V = -1.6808000000000003 Best Action: 3	state((1, 5, 2)) V = -1.9757120000000004 Best Action: 3
state((1, 1, 2)) V = -0.5 Best Action: 3		state((4, 1, 3)) V = -1.476000000000000 Best Action: 3	state((3, 1, 3)) V = -1.844640000000003 Best Action: 3	state((1, 5, 3)) V = -2.0805696000000005 Best Action: 3
state((1, 1, 3)) V = -0.9 Best Action: 3 state((1, 1, 4)) V = -0.9 Best Action: 3	state((5, 1, 4)) V = -0.9 Best Action: 3 state((5, 2, 1)) V = -0.5 Best Action: 3	state((4, 1, 4)) V = -1.476000000000000 Best Action: 3 state((4, 2, 1)) V = -1.220000000000000 Best Action: 3	state((3, 1, 4)) V = -1.844640000000000 Best Action: 3 state((3, 3, 1)) V = 47.5200000000001 Best Action: 2	state((1, 5, 4)) V = -2.0805696000000005 Best Action: 3 state((2, 1, 1)) V = -1.9757120000000004 Best Action: 3
state((1, 1, 4)) V = -0.5 Best Action: 3	state((5, 2, 2)) V = -0.5 Best Action: 3	state((4, 2, 2)) V = -1.2200000000000000000000000000000000000	state((3, 3, 1)) V = -1.68080000000000000000000000000000000000	state((2, 1, 1)) V = -1.975712000000004 Best Action: 3 state((2, 1, 2)) V = -1.9757120000000004 Best Action: 3
state((1, 2, 1)) V = -0.5 Best Action: 3	state((5, 2, 3)) V = -0.9 Best Action: 3	state((4, 2, 3)) V = -1.2200000000000000000000000000000000000	state((3, 3, 3)) V = 37.516000000000000 Best Action: 4	
state((1, 2, 3)) V = -0.9 Best Action: 3	state((5, 2, 4)) V = -0.9 Best Action: 3	state((4, 2, 4)) V = -1.476000000000000000000000000000000000000	state((3, 3, 4)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000000000000000000000000000000	state((2, 1, 3)) V = -2.0805696000000005 Best Action: 3 state((2, 1, 4)) V = -2.0805696000000005 Best Action: 3
state((1, 2, 4)) V = -0.9 Best Action: 3	state((5, 3, 1)) V = -0.5 Best Action: 3	state((4, 3, 1)) V = -1.2200000000000000000000000000000000000	state((3, 4, 1)) V = 48.0200000000000000000000000000000000000	state((2, 4, 1)) V = -1.9757120000000004 Best Action: 3
state((1, 2, 4)) V = -0.5 Best Action: 3	state((5, 3, 2)) V = -0.5 Best Action: 3	state((4, 3, 2)) V = -1.2200000000000000000000000000000000000	state((3, 4, 2)) V = -1.680800000000003 Best Action: 3	state((2, 4, 2)) V = -1.9757120000000004 Best Action: 3
state((1, 3, 1)) V = -0.5 Best Action: 3	state((5, 3, 3)) V = -0.9 Best Action: 3	state((4, 3, 3)) V = -1.476000000000000000000000000000000000000	state((3, 4, 2)) V = 37.916000000000000000000000000000000000000	state((2, 4, 3)) V = -2.080569600000005 Best Action: 3
state((1, 3, 3)) V = -0.9 Best Action: 3	state((5, 3, 4)) V = -0.9 Best Action: 3	state((4, 3, 4)) V = -1.4760000000000002 Best Action: 3	state((3, 4, 4)) V = 37.91600000000001 Best Action: 3	state((2, 4, 4)) V = 28.8328000000001 Best Action: 1
state((1, 3, 4)) V = -0.9 Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 5, 1)) V = 62.30000000000000 Best Action: 4	state((3, 5, 1)) V = 61.9000000000000 Best Action: 4	state((2, 5, 1)) V = -1.9757120000000004 Best Action: 3
state((1, 4, 1)) V = -0.5 Best Action: 3	state((5, 4, 2)) V = -0.5 Best Action: 3	state((4, 5, 2)) V = 62.30000000000000 Best Action: 3	state((3, 5, 2)) V = 61.90000000000000 Best Action: 3	state((2, 5, 2)) V = -1.9757120000000004 Best Action: 3
state((1, 4, 2)) V = -0.5 Best Action: 3	state((5, 4, 3)) V = 62.30000000000000 Best Action: 4	state((4, 5, 3)) V = 49.34 Best Action: 3	state((3, 5, 3)) V = 49.0200000000001 Best Action: 3	state((2, 5, 3)) V = -2.0805696000000005 Best Action: 3
state((1, 4, 3)) V = -0.9 Best Action: 3	state((5, 4, 4)) V = 62.30000000000004 Best Action: 3	state((4, 5, 4)) V = 78.5 Best Action: 1	state((3, 5, 4)) V = 78.0 Best Action: 2	state((2, 5, 4)) V = -2.080569600000005 Best Action: 3
state((1, 4, 4)) V = -0.9 Best Action: 3	iter 2:	state((5, 1, 1)) V = -1.220000000000000 Best Action: 3	state((4, 1, 1)) V = -1.680800000000003 Best Action: 3	state((3, 1, 1)) V = -1.975712000000004 Best Action: 3
state((1, 5, 1)) V = -0.5 Best Action: 3	state((1, 1, 1)) V = -1.220000000000000 Best Action: 3	state((5, 1, 2)) V = -1.220000000000000 Best Action: 3	state((4, 1, 2)) V = -1.680800000000003 Best Action: 3	state((3, 1, 2)) V = -1.975712000000004 Best Action: 3
state((1, 5, 2)) V = -0.5 Best Action: 3	state((1, 1, 2)) V = -1.220000000000000 Best Action: 3	state((5, 1, 3)) V = -1.476000000000000 Best Action: 3	state((4, 1, 3)) V = -1.844640000000003 Best Action: 3	state((3, 1, 3)) V = -2.080569600000005 Best Action: 3
state((1, 5, 3)) V = -0.9 Best Action: 3	state((1, 1, 3)) V = -1.476000000000000 Best Action: 3	state((5, 1, 4)) V = -1.476000000000000 Best Action: 3	state((4, 1, 4)) V = -1.844640000000003 Best Action: 3	state((3, 1, 4)) V = -2.0805696000000005 Best Action: 3
state((1, 5, 4)) V = -0.9 Best Action: 3	state((1, 1, 4)) V = -1.476000000000000000000000000000000000000	state((5, 2, 1)) V = -1.220000000000000 Best Action: 3	state((4, 2, 1)) V = -1.680800000000003 Best Action: 3	state((3, 3, 1)) V = 47.5200000000001 Best Action: 2
state((2, 1, 1)) V = -0.5 Best Action: 3	state((1, 2, 1)) V = -1.220000000000000 Best Action: 3	state((5, 2, 2)) V = -1.22000000000000 Best Action: 3	state((4, 2, 2)) V = -1.680800000000003 Best Action: 3	state((3, 3, 2)) V = 29.51280000000013 Best Action: 3
state((2, 1, 2)) V = -0.5 Best Action: 3	state((1, 2, 2)) V = -1.220000000000000 Best Action: 3	state((5, 2, 3)) V = -1.476000000000000 Best Action: 3	state((4, 2, 3)) V = -1.844640000000003 Best Action: 3	state((3, 3, 3)) V = 37.5160000000001 Best Action: 4
state((2, 1, 3)) V = -0.9 Best Action: 3	state((1, 2, 3)) V = -1.476000000000000 Best Action: 3	state((5, 2, 4)) V = -1.476000000000000 Best Action: 3	state((4, 2, 4)) V = -1.844640000000000 Best Action: 3	state((3, 3, 4)) V = 37.5160000000001 Best Action: 3
state((2, 1, 4)) V = -0.9 Best Action: 3	state((1, 2, 4)) V = -1.476000000000000 Best Action: 3	state((5, 3, 1)) V = -1.220000000000000 Best Action: 3	state((4, 3, 1)) V = -1.680800000000003 Best Action: 3	state((3, 4, 1)) V = 48.0200000000001 Best Action: 1
state((2, 4, 1)) V = -0.5 Best Action: 3	state((1, 3, 1)) V = -1.220000000000000 Best Action: 3	state((5, 3, 2)) V = -1.220000000000000 Best Action: 3	state((4, 3, 2)) V = -1.680800000000003 Best Action: 3	state((3, 4, 2)) V = 29.8328000000001 Best Action: 3
state((2, 4, 2)) V = -0.5 Best Action: 3	state((1, 3, 2)) V = -1.220000000000000 Best Action: 3	state((5, 3, 3)) V = -1.476000000000000 Best Action: 3	state((4, 3, 3)) V = 28.51280000000013 Best Action: 1	state((3, 4, 3)) V = 37.91600000000001 Best Action: 4
state((2, 4, 3)) V = -0.9 Best Action: 3	state((1, 3, 3)) V = -1.476000000000000 Best Action: 3	state((5, 3, 4)) V = -1.476000000000000 Best Action: 3	state((4, 3, 4)) V = -1.844640000000000 Best Action: 3	state((3, 4, 4)) V = 37.9160000000000 Best Action: 3
state((2, 4, 4)) V = -0.9 Best Action: 3	state((1, 3, 4)) V = -1.476000000000000 Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 5, 1)) V = 62.30000000000000 Best Action: 4	state((3, 5, 1)) V = 61.9000000000000 Best Action: 4
state((2, 5, 1)) V = -0.5 Best Action: 3	state((1, 4, 1)) V = -1.220000000000000 Best Action: 3	state((5, 4, 2)) V = 49.34 Best Action: 3	state((4, 5, 2)) V = 62.30000000000000 Best Action: 3	state((3, 5, 2)) V = 61.9000000000000 Best Action: 3
state((2, 5, 2)) V = -0.5 Best Action: 3	state((1, 4, 2)) V = -1.220000000000000 Best Action: 3	state((5, 4, 3)) V = 62.30000000000000 Best Action: 4	state((4, 5, 3)) V = 49.34 Best Action: 3	state((3, 5, 3)) V = 49.0200000000000 Best Action: 3
state((2, 5, 3)) V = -0.9 Best Action: 3	state((1, 4, 3)) V = -1.476000000000000 Best Action: 3	state((5, 4, 4)) V = 62.3000000000000 Best Action: 3	state((4, 5, 4)) V = 78.5 Best Action: 1	state((3, 5, 4)) V = 78.0 Best Action: 2
state($(2, 5, 4)$) V = -0.9 Best Action: 3	state((1, 4, 4)) V = -1.476000000000000 Best Action: 3	iter 3:	state((5, 1, 1)) V = -1.680800000000003 Best Action: 3	state((4, 1, 1)) V = -1.9757120000000004 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -1.220000000000000 Best Action: 3	state((1, 1, 1)) V = -1.680800000000000 Best Action: 3	state((5, 1, 2)) V = -1.680800000000003 Best Action: 3	state((4, 1, 2)) V = -1.9757120000000004 Best Action: 3
state((3, 1, 2)) V = -0.5 Best Action: 3	state((1, 5, 2)) V = -1.220000000000000 Best Action: 3	state((1, 1, 2)) V = -1.680800000000000 Best Action: 3	state((5, 1, 3)) V = -1.8446400000000003 Best Action: 3	state((4, 1, 3)) V = -2.0805696000000005 Best Action: 3
state($(3, 1, 3)$) V = -0.9 Best Action: 3	state((1, 5, 3)) V = -1.476000000000000 Best Action: 3	state((1, 1, 3)) V = -1.844640000000003 Best Action: 3	state((5, 1, 4)) V = -1.8446400000000003 Best Action: 3	state((4, 1, 4)) V = -2.0805696000000005 Best Action: 3
state($(3, 1, 4)$) V = -0.9 Best Action: 3	state((1, 5, 4)) V = -1.476000000000000 Best Action: 3	state((1, 1, 4)) V = -1.8446400000000003 Best Action: 3	state((5, 2, 1)) V = -1.680800000000000 Best Action: 3	state((4, 2, 1)) V = -1.9757120000000004 Best Action: 3
state((3, 3, 1)) V = -0.5 Best Action: 3	state((2, 1, 1)) V = -1.220000000000000 Best Action: 3	state((1, 2, 1)) V = -1.680800000000003 Best Action: 3	state((5, 2, 2)) V = -1.680800000000003 Best Action: 3	state((4, 2, 2)) V = -1.9757120000000004 Best Action: 3
state((3, 3, 2)) V = -0.5 Best Action: 3	state((2, 1, 2)) V = -1.220000000000000 Best Action: 3	state((1, 2, 2)) V = -1.680800000000003 Best Action: 3	state((5, 2, 3)) V = -1.844640000000003 Best Action: 3	state((4, 2, 3)) V = -2.0805696000000005 Best Action: 3
state((3, 3, 3)) V = -0.9 Best Action: 3	state((2, 1, 3)) V = -1.476000000000000 Best Action: 3	state((1, 2, 3)) V = -1.8446400000000003 Best Action: 3	state((5, 2, 4)) V = -1.844640000000003 Best Action: 3	state((4, 2, 4)) V = -2.0805696000000005 Best Action: 3
state((3, 3, 4)) V = -0.9 Best Action: 3	state((2, 1, 4)) V = -1.476000000000000 Best Action: 3	state((1, 2, 4)) V = -1.8446400000000003 Best Action: 3	state((5, 3, 1)) V = -1.680800000000000 Best Action: 3	state((4, 3, 1)) V = 22.3102400000001 Best Action: 3
state((3, 4, 1)) V = -0.5 Best Action: 3	state((2, 4, 1)) V = -1.220000000000000 Best Action: 3 state((2, 4, 2)) V = -1.220000000000000 Best Action: 3	state((1, 3, 1)) V = -1.680800000000003 Best Action: 3	state((5, 3, 2)) V = -1.6808000000000003 Best Action: 3	state((4, 3, 2)) V = 22.3102400000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000013 Best Action: 1
state((3, 4, 2)) V = -0.5 Best Action: 3		state((1, 3, 2)) V = -1.680800000000000 Best Action: 3	state((5, 3, 3)) V = 28.012800000000013 Best Action: 2	
state((3, 4, 3)) V = -0.9 Best Action: 3 state((3, 4, 4)) V = -0.9 Best Action: 3	state((2, 4, 3)) V = -1.476000000000000 Best Action: 3 state((2, 4, 4)) V = -1.476000000000000 Best Action: 3	state((1, 3, 3)) V = -1.844640000000000 Best Action: 3 state((1, 3, 4)) V = -1.844640000000000 Best Action: 3	state((5, 3, 4)) V = -1.844640000000003 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 3, 4)) V = 17.348192000000008 Best Action: 3 state((4, 5, 1)) V = 62.30000000000004 Best Action: 4
state((3, 5, 1)) V = -0.5 Best Action: 3	state((2, 5, 1)) V = -1.2200000000000000000000000000000000000	state((1, 4, 1)) V = -1.84404000000000000000000000000000000000	state((5, 4, 2)) V = 49.34 Best Action: 3	state((4, 5, 2)) V = 62.3000000000000000000000000000000000000
state((3, 5, 2)) V = -0.5 Best Action: 3	state((2, 5, 2)) V = -1.2200000000000000000000000000000000000	state((1, 4, 2)) V = -1.68080000000000000000000000000000000000	state((5, 4, 3)) V = 62.30000000000004 Best Action: 4	state((4, 5, 3)) V = 49.34 Best Action: 3
state((3, 5, 3)) V = -0.9 Best Action: 3	state((2, 5, 3)) V = -1.476000000000000000000000000000000000000	state((1, 4, 3)) V = -1.844640000000003 Best Action: 3	state((5, 4, 4)) V = 62.3000000000000000000000000000000000000	state((4, 5, 4)) V = 78.5 Best Action: 1
state((3, 5, 4)) V = 78.0 Best Action: 2	state((2, 5, 4)) V = -1.476000000000000000000000000000000000000	state((1, 4, 4)) V = -1.8446400000000003 Best Action: 3	iter 4:	state((5, 1, 1)) V = -1.975712000000004 Best Action: 3
state((4, 1, 1)) V = -0.5 Best Action: 3	state((3, 1, 1)) V = -1.220000000000002 Best Action: 3	state((1, 5, 1)) V = -1.680800000000003 Best Action: 3	state((1, 1, 1)) V = -1.975712000000004 Best Action: 3	state((5, 1, 2)) V = -1.9757120000000004 Best Action: 3
state((4, 1, 2)) V = -0.5 Best Action: 3	state((3, 1, 2)) V = -1.220000000000000 Best Action: 3	state((1, 5, 2)) V = -1.680800000000003 Best Action: 3	state((1, 1, 2)) V = -1.975712000000004 Best Action: 3	state((5, 1, 3)) V = -2.0805696000000005 Best Action: 3
state((4, 1, 3)) V = -0.9 Best Action: 3	state((3, 1, 3)) V = -1.476000000000000 Best Action: 3	state((1, 5, 3)) V = -1.844640000000003 Best Action: 3	state((1, 1, 3)) V = -2.080569600000005 Best Action: 3	state((5, 1, 4)) V = -2.0805696000000005 Best Action: 3
state((4, 1, 4)) V = -0.9 Best Action: 3	state((3, 1, 4)) V = -1.476000000000000000000000000000000000000	state((1, 5, 4)) V = -1.844640000000000 Best Action: 3	state((1, 1, 4)) V = -2.0805696000000005 Best Action: 3	state((5, 2, 1)) V = -1.975712000000004 Best Action: 3
state((4, 2, 1)) V = -0.5 Best Action: 3	state((3, 3, 1)) V = -1.220000000000000 Best Action: 3	state((2, 1, 1)) V = -1.680800000000000 Best Action: 3	state((1, 2, 1)) V = -1.9757120000000004 Best Action: 3	state((5, 2, 2)) V = -1.975712000000004 Best Action: 3
state((4, 2, 2)) V = -0.5 Best Action: 3	state((3, 3, 2)) V = -1.2200000000000000 Best Action: 3	state((2, 1, 2)) V = -1.6808000000000003 Best Action: 3	state((1, 2, 2)) V = -1.9757120000000004 Best Action: 3	state((5, 2, 3)) V = -2.0805696000000005 Best Action: 3
state((4, 2, 3)) V = -0.9 Best Action: 3	state((3, 3, 3)) V = -1.4760000000000000 Best Action: 3	state((2, 1, 3)) V = -1.8446400000000003 Best Action: 3	state((1, 2, 3)) V = -2.0805696000000005 Best Action: 3	state((5, 2, 4)) V = -2.0805696000000005 Best Action: 3
state((4, 2, 4)) V = -0.9 Best Action: 3	state((3, 3, 4)) V = -1.476000000000000 Best Action: 3	state((2, 1, 4)) V = -1.844640000000003 Best Action: 3	state((1, 2, 4)) V = -2.0805696000000005 Best Action: 3	state((5, 3, 1)) V = 21.91024000000012 Best Action: 3
state((4, 3, 1)) V = -0.5 Best Action: 3	state((3, 4, 1)) V = -1.220000000000000 Best Action: 3	state((2, 4, 1)) V = -1.680800000000003 Best Action: 3	state((1, 3, 1)) V = -1.9757120000000004 Best Action: 3	state((5, 3, 2)) V = 21.91024000000012 Best Action: 4
state((4, 3, 2)) V = -0.5 Best Action: 3	state((3, 4, 2)) V = -1.220000000000000 Best Action: 3	state((2, 4, 2)) V = -1.680800000000003 Best Action: 3	state((1, 3, 2)) V = -1.9757120000000004 Best Action: 3	state((5, 3, 3)) V = 28.01280000000013 Best Action: 2
state((4, 3, 3)) V = -0.9 Best Action: 3	state((3, 4, 3)) V = -1.476000000000000 Best Action: 3	state((2, 4, 3)) V = -1.844640000000003 Best Action: 3	state((1, 3, 3)) V = -2.080569600000005 Best Action: 3	state((5, 3, 4)) V = 17.0281920000001 Best Action: 3
state((4, 3, 4)) V = -0.9 Best Action: 3	state((3, 4, 4)) V = -1.476000000000000 Best Action: 3	state((2, 4, 4)) V = -1.844640000000003 Best Action: 3	state((1, 3, 4)) V = -2.080569600000005 Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1
state((4, 5, 1)) V = -0.5 Best Action: 3	state((3, 5, 1)) V = 61.9000000000000 Best Action: 4	state((2, 5, 1)) V = -1.680800000000003 Best Action: 3	state((1, 4, 1)) V = -1.975712000000004 Best Action: 3	state((5, 4, 2)) V = 49.34 Best Action: 3
state((4, 5, 2)) V = -0.5 Best Action: 3	state((3, 5, 2)) V = 61.9000000000000 Best Action: 3	state((2, 5, 2)) V = -1.680800000000003 Best Action: 3	state((1, 4, 2)) V = -1.975712000000004 Best Action: 3	state((5, 4, 3)) V = 62.3000000000000 Best Action: 4
state((4, 5, 3)) V = -0.9 Best Action: 3	state((3, 5, 3)) V = 49.0200000000001 Best Action: 3	state((2, 5, 3)) V = -1.844640000000003 Best Action: 3	state((1, 4, 3)) V = -2.0805696000000005 Best Action: 3	state((5, 4, 4)) V = 62.3000000000000 Best Action: 3
state((4, 5, 4)) V = 78.5 Best Action: 1	state((3, 5, 4)) V = 78.0 Best Action: 2	state((2, 5, 4)) V = -1.8446400000000003 Best Action: 3	state((1, 4, 4)) V = 28.3328000000001 Best Action: 2	iter 5:

state((1, 1, 1)) V = -2.1644556800000005 Best Action: 3	//= 4 0\\\\ 0 4 644==600000000000000000000000000000	//	//a . a)\ c aa.a=.aa.aa.aa.a	//4 = 0\\\\ 46.000000000000000000000000000000000000
	state((5, 1, 2)) V = -2.1644556800000005 Best Action: 3	state((4, 1, 2)) V = 9.242842880000007 Best Action: 3	state((3, 1, 2)) V = 6.09427430400006 Best Action: 3	state((1, 5, 2)) V = 16.232992000000007 Best Action: 1
state((1, 1, 2)) V = -2.1644556800000005 Best Action: 3	state((5, 1, 3)) V = 11.92255360000001 Best Action: 4	state((4, 1, 3)) V = 12.178553600000008 Best Action: 4	state((3, 1, 3)) V = 4.695291904000005 Best Action: 2	state((1, 5, 3)) V = 12.486393600000007 Best Action: 3
state((1, 1, 3)) V = -2.2315645440000003 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3	state((3, 1, 4)) V = 8.242842880000007 Best Action: 1	state((1, 5, 4)) V = 12.48639360000007 Best Action: 4
state((1, 1, 4)) V = -2.2315645440000003 Best Action: 3	state((5, 2, 1)) V = 16.0281920000001 Best Action: 1	state((4, 2, 1)) V = 16.348192000000008 Best Action: 1	state((3, 3, 1)) V = 47.5200000000000 Best Action: 2	state((2, 1, 1)) V = 5.694274304000006 Best Action: 4
state((1, 2, 1)) V = -2.1644556800000005 Best Action: 3	state((5, 2, 2)) V = -2.1644556800000005 Best Action: 3	state((4, 2, 2)) V = 9.562842880000005 Best Action: 3	state((3, 3, 2)) V = 29.51280000000013 Best Action: 3	state((2, 1, 2)) V = 5.694274304000006 Best Action: 3
state((1, 2, 2)) V = -2.1644556800000005 Best Action: 3	state((5, 2, 3)) V = 12.32255360000001 Best Action: 4	state((4, 2, 3)) V = 12.578553600000006 Best Action: 4	state((3, 3, 3)) V = 37.51600000000001 Best Action: 4	state((2, 1, 3)) V = 5.195291904000005 Best Action: 1
state((1, 2, 3)) V = -2.2315645440000003 Best Action: 3	state((5, 2, 4)) V = 12.32255360000001 Best Action: 3	state((4, 2, 4)) V = 12.578553600000006 Best Action: 3	state((3, 3, 4)) V = 37.5160000000001 Best Action: 3	state((2, 1, 4)) V = 7.742842880000007 Best Action: 2
state((1, 2, 4)) V = -2.2315645440000003 Best Action: 3	state((5, 3, 1)) V = 21.91024000000012 Best Action: 3	state((4, 3, 1)) V = 22.3102400000001 Best Action: 3	state((3, 4, 1)) V = 48.02000000000001 Best Action: 1	state((2, 4, 1)) V = 22.56624000000008 Best Action: 4
state((1, 3, 1)) V = -2.1644556800000005 Best Action: 3	state((5, 3, 2)) V = 21.91024000000012 Best Action: 4	state((4, 3, 2)) V = 22.3102400000001 Best Action: 4	state((3, 4, 2)) V = 29.8328000000001 Best Action: 3	state((2, 4, 2)) V = 22.566240000000008 Best Action: 3
state((1, 3, 2)) V = -2.1644556800000005 Best Action: 3	state((5, 3, 3)) V = 28.01280000000013 Best Action: 2	state((4, 3, 3)) V = 28.51280000000013 Best Action: 1	state((3, 4, 3)) V = 37.9160000000001 Best Action: 4	state((2, 4, 3)) V = 17.55299200000007 Best Action: 3
state((1, 3, 3)) V = -2.2315645440000003 Best Action: 3	state((5, 3, 4)) V = 17.02819200000001 Best Action: 3	state((4, 3, 4)) V = 17.348192000000008 Best Action: 3	state((3, 4, 4)) V = 37.91600000000001 Best Action: 3	state((2, 4, 4)) V = 28.8328000000001 Best Action: 1
state((1, 3, 4)) V = -2.2315645440000003 Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 5, 1)) V = 62.3000000000000000000000000000000000000	state((3, 5, 1)) V = 61.90000000000000 Best Action: 4	
state((1, 4, 1)) V = 22.16624000000001 Best Action: 4	state((5, 4, 2)) V = 49.34 Best Action: 3	state((4, 5, 2)) V = 62.30000000000000 Best Action: 3	state((3, 5, 2)) V = 61.9000000000000 Best Action: 3	state((2, 5, 2)) V = 16.552992000000007 Best Action: 1
state((1, 4, 2)) V = 22.1662400000001 Best Action: 3	state((5, 4, 3)) V = 62.30000000000004 Best Action: 4	state((4, 5, 3)) V = 49.34 Best Action: 3	state((3, 5, 3)) V = 49.0200000000001 Best Action: 3	state((2, 5, 3)) V = 12.742393600000007 Best Action: 3
state((1, 4, 3)) V = 17.232992000000007 Best Action: 3	state((5, 4, 4)) V = 62.3000000000000 Best Action: 3	state((4, 5, 4)) V = 78.5 Best Action: 1	state((3, 5, 4)) V = 78.0 Best Action: 2	state((2, 5, 4)) V = 12.742393600000007 Best Action: 4
state((1, 4, 4)) V = 28.3328000000001 Best Action: 2	<mark>iter 6:</mark>	state((5, 1, 1)) V = 15.528192000000011 Best Action: 2	state((4, 1, 1)) V = 15.848192000000008 Best Action: 2	state((3, 1, 1)) V = 6.094274304000006 Best Action: 4
state((1, 5, 1)) V = -2.1644556800000005 Best Action: 3	state((1, 1, 1)) V = -2.2852516352000003 Best Action: 3	state((5, 1, 2)) V = 9.038042880000008 Best Action: 3	state((4, 1, 2)) V = 9.242842880000007 Best Action: 3	state((3, 1, 2)) V = 6.094274304000006 Best Action: 3
state((1, 5, 2)) V = 16.232992000000007 Best Action: 1	state((1, 1, 2)) V = -2.2852516352000003 Best Action: 3	state((5, 1, 3)) V = 11.92255360000001 Best Action: 4	state((4, 1, 3)) V = 12.178553600000008 Best Action: 4	state((3, 1, 3)) V = 4.695291904000005 Best Action: 2
state((1, 5, 3)) V = 12.486393600000007 Best Action: 3	state((1, 1, 3)) V = -2.3282013081600006 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3	state((3, 1, 4)) V = 8.242842880000007 Best Action: 1
state((1, 5, 4)) V = 12.486393600000007 Best Action: 4	state((1, 1, 4)) V = -2.3282013081600006 Best Action: 3	state((5, 2, 1)) V = 16.02819200000001 Best Action: 1	state((4, 2, 1)) V = 16.348192000000008 Best Action: 1	state((3, 3, 1)) V = 47.5200000000001 Best Action: 2
state((2, 1, 1)) V = -2.1644556800000005 Best Action: 3	state((1, 2, 1)) V = 15.73299200000007 Best Action: 2	state((5, 2, 2)) V = 9.358042880000008 Best Action: 3	state((4, 2, 2)) V = 9.562842880000005 Best Action: 3	state((3, 3, 2)) V = 29.51280000000013 Best Action: 3
state((2, 1, 2)) V = -2.1644556800000005 Best Action: 3	state((1, 2, 2)) V = -2.2852516352000003 Best Action: 3	state((5, 2, 3)) V = 12.32255360000001 Best Action: 4	state((4, 2, 3)) V = 12.578553600000006 Best Action: 4	state((3, 3, 3)) V = 37.5160000000001 Best Action: 4
state((2, 1, 3)) V = -2.2315645440000003 Best Action: 3	state((1, 2, 3)) V = 12.086393600000006 Best Action: 4	state((5, 2, 4)) V = 12.32255360000001 Best Action: 3	state((4, 2, 4)) V = 12.578553600000006 Best Action: 3	state((3, 3, 4)) V = 37.5160000000001 Best Action: 3
state((2, 1, 4)) V = -2.2315645440000003 Best Action: 3	state((1, 2, 4)) V = 12.086393600000006 Best Action: 3	state((5, 3, 1)) V = 21.91024000000012 Best Action: 3	state((4, 3, 1)) V = 22.3102400000001 Best Action: 3	state((3, 4, 1)) V = 48.0200000000001 Best Action: 1
state((2, 4, 1)) V = 22.566240000000008 Best Action: 4	state((1, 3, 1)) V = 16.23299200000007 Best Action: 1	state((5, 3, 2)) V = 21.91024000000012 Best Action: 4	state((4, 3, 2)) V = 22.3102400000001 Best Action: 4	state((3, 4, 2)) V = 29.83280000000001 Best Action: 3
state((2, 4, 2)) V = 22.566240000000008 Best Action: 3	state((1, 3, 2)) V = -2.2852516352000003 Best Action: 3	state((5, 3, 3)) V = 28.012800000000013 Best Action: 2	state((4, 3, 3)) V = 28.512800000000013 Best Action: 1	state((3, 4, 3)) V = 37.9160000000001 Best Action: 4
state((2, 4, 3)) V = 17.552992000000007 Best Action: 3	state((1, 3, 3)) V = 12.486393600000007 Best Action: 4	state((5, 3, 4)) V = 17.02819200000001 Best Action: 3	state((4, 3, 4)) V = 17.348192000000008 Best Action: 3	state((3, 4, 4)) V = 37.9160000000001 Best Action: 3
state((2, 4, 4)) V = 28.8328000000001 Best Action: 1	state((1, 3, 4)) V = 12.486393600000007 Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 5, 1)) V = 62.3000000000000 Best Action: 4	state((3, 5, 1)) V = 61.9000000000000 Best Action: 4
state((2, 5, 1)) V = -2.1644556800000005 Best Action: 3	state((1, 4, 1)) V = 22.1662400000001 Best Action: 4	state((5, 4, 2)) V = 49.34 Best Action: 3	state((4, 5, 2)) V = 62.3000000000000 Best Action: 3	state((3, 5, 2)) V = 61.9000000000000 Best Action: 3
state((2, 5, 2)) V = 16.552992000000007 Best Action: 1	state((1, 4, 2)) V = 22.1662400000001 Best Action: 3	state((5, 4, 3)) V = 62.30000000000000 Best Action: 4	state((4, 5, 3)) V = 49.34 Best Action: 3	state((3, 5, 3)) V = 49.0200000000000 Best Action: 3
state((2, 5, 3)) V = 12.742393600000007 Best Action: 3	state((1, 4, 3)) V = 17.23299200000007 Best Action: 3	state((5, 4, 4)) V = 62.3000000000000 Best Action: 3	state((4, 5, 4)) V = 78.5 Best Action: 1	state((3, 5, 4)) V = 78.0 Best Action: 2
state((2, 5, 4)) V = 12.742393600000007 Best Action: 4	state((1, 4, 4)) V = 28.3328000000001 Best Action: 2	iter 7:	state((5, 1, 1)) V = 15.528192000000011 Best Action: 2	state((4, 1, 1)) V = 15.848192000000008 Best Action: 2
state((3, 1, 1)) V = -2.1644556800000005 Best Action: 3	state((1, 5, 1)) V = 9.489114880000006 Best Action: 3	state((1, 1, 1)) V = 11.086393600000006 Best Action: 1	state((5, 1, 2)) V = 9.038042880000008 Best Action: 3	state((4, 1, 2)) V = 9.242842880000007 Best Action: 3
state((3, 1, 2)) V = -2.1644556800000005 Best Action: 3	state((1, 5, 2)) V = 16.23299200000007 Best Action: 1	state((1, 1, 2)) V = -2.3625610465280005 Best Action: 3	state((5, 1, 3)) V = 11.92255360000001 Best Action: 4	state((4, 1, 3)) V = 12.178553600000008 Best Action: 4
			3tate((3, 1, 3)) v = 11.3223330000001 Dest Action. 4	3tate((4, 1, 3)) V = 12.17033300000000 Dest Action. 4
state((3, 1, 3)) V = -2.2315645440000003 Best Action: 3	state((1, 5, 3)) V = 12.48639360000007 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4		
	state((1, 5, 3)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 4	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3	state((1, 5, 4)) V = 12.48639360000007 Best Action: 4	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2	state((1, 5, 4)) V = 12.486393600000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.5200000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3	state((1, 5, 4)) V = 12.486393600000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4	state((1, 5, 4)) V = 12.486393600000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.0863936000000006 Best Action: 4	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000006 Best Action: 3
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3	state((1, 5, 4)) V = 12.486393600000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.0863936000000006 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1	state((1, 5, 4)) V = 12.486393600000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000000000 Best Action: 4	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000006 Best Action: 3 state((4, 3, 1)) V = 22.3102400000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.0200000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3	state((1, 5, 4)) V = 12.486393600000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.5662400000000000 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.0128000000000013 Best Action: 2	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.512800000000013 Best Action: 1
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.0200000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 4	state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000001 Best Action: 1 state((4, 3, 4)) V = 17.348192000000000 Best Action: 3
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 4 state((3, 4, 4)) V = 37.916000000000001 Best Action: 3	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000000 Best Action: 3 state((2, 4, 4)) V = 28.832800000000001 Best Action: 1	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 12.086393600000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.512800000000013 Best Action: 1 state((4, 3, 4)) V = 17.348192000000008 Best Action: 3 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.0200000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 4	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.5662400000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 4	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000001 Best Action: 1 state((4, 3, 4)) V = 17.348192000000000 Best Action: 3
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 4 state((3, 4, 4)) V = 37.916000000000001 Best Action: 3	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000000 Best Action: 3 state((2, 4, 4)) V = 28.832800000000001 Best Action: 1	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 12.086393600000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.512800000000013 Best Action: 1 state((4, 3, 4)) V = 17.348192000000008 Best Action: 3 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 4 state((3, 3, 4)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 4 state((3, 4, 4)) V = 37.916000000000001 Best Action: 3 state((3, 5, 1)) V = 61.9000000000000000000000000000000000000	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.5662400000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 4	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 4)) V = 17.348192000000001 Best Action: 3 state((4, 3, 4)) V = 17.348192000000000000000000000000000000000000
$\begin{array}{llllllllllllllllllllllllllllllllllll$	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 1	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.0863936000000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 22.16624000000001 Best Action: 4 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000001 Best Action: 1 state((4, 3, 4)) V = 17.348192000000000 Best Action: 3 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
$\begin{array}{llllllllllllllllllllllllllllllllllll$	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 3)) V = 7.742842880000007 Best Action: 2 state((2, 1, 4)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 1)) V = 22.566240000000000 Best Action: 3 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 1	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.0863936000000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 12.486393600000001 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 3)) V = 17.2329920000000007 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.5785536000000006 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000001 Best Action: 1 state((4, 3, 4)) V = 17.348192000000001 Best Action: 3 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.5128000000000013 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 4 state((3, 4, 4)) V = 37.916000000000001 Best Action: 3 state((3, 5, 1)) V = 61.900000000000000 Best Action: 3 state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 3 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 4 state((1, 3, 4)) V = 12.486393600000001 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 2)) V = 22.16624000000001 Best Action: 3 state((1, 4, 3)) V = 17.2329920000000001 Best Action: 3 state((1, 4, 4)) V = 28.332800000000001 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 3 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000001 Best Action: 1 state((4, 3, 4)) V = 17.348192000000000 Best Action: 3 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000001 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.9160000000001 Best Action: 3 state((3, 4, 3)) V = 37.9160000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.020000000000000 Best Action: 3 state((3, 5, 4)) V = 78.0 Best Action: 2 state((4, 1, 1)) V = 15.848192000000000 Best Action: 2 state((4, 1, 2)) V = -2.1644556800000005 Best Action: 3	state((2, 1, 1)) V = -2.2852516352000003 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.56624000000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000001 Best Action: 3 state((2, 4, 4)) V = 28.8328000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.552992000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 3)) V = 17.232992000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 9.489114880000006 Best Action: 2 state((1, 5, 1)) V = 9.489114880000006 Best Action: 3 state((1, 5, 2)) V = 16.232992000000007 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 Best Action: 3 state((4, 2, 3)) V = 12.578553600000006 Best Action: 4 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 4 state((4, 3, 3)) V = 28.51280000000001 Best Action: 1 state((4, 3, 4)) V = 17.348192000000000 Best Action: 3 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 2 state((3, 3, 2)) V = 29.512800000000001 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.900000000000000 Best Action: 3 state((3, 5, 3)) V = 49.0200000000000000000 Best Action: 3 state((4, 1, 1)) V = 78.0 Best Action: 2 state((4, 1, 2)) V = -2.1644556800000000 Best Action: 3 state((4, 1, 3)) V = 12.1785536000000000 Best Action: 3	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000001 Best Action: 3 state((2, 4, 4)) V = 28.8328000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 3)) V = 12.742393600000007 Best Action: 1 state((2, 5, 4)) V = 12.742393600000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000001 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 9.489114880000006 Best Action: 3 state((1, 5, 1)) V = 9.489114880000006 Best Action: 3 state((1, 5, 2)) V = 16.232992000000007 Best Action: 1 state((1, 5, 3)) V = 12.486393600000007 Best Action: 1	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 17.348192000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 3 state((3, 3, 2)) V = 29.512800000000001 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.8328000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 3)) V = 16.5529920000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000001 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 9.489114880000006 Best Action: 3 state((1, 5, 1)) V = 9.489114880000000 Best Action: 3 state((1, 5, 3)) V = 16.232992000000007 Best Action: 1 state((1, 5, 3)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.4863936000000007 Best Action: 3 state((1, 5, 4)) V = 12.48639360000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 4 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.0200000000000000000000000000000000000	state((1, 5, 4)) V = 12.48639360000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 4)) V = 28.8328000000000 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.552992000000007 Best Action: 1 state((2, 5, 3)) V = 12.742393600000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((3, 1, 4)) V = 8.242842880000007 Best Action: 3 state((3, 1, 4)) V = 8.24284288000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000001 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 9.489114880000006 Best Action: 3 state((1, 5, 1)) V = 9.489114880000000 Best Action: 3 state((1, 5, 3)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 1 state((1, 5, 4)) V = 12.4863936000000007 Best Action: 3 state((1, 5, 4)) V = 12.48639360000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 22.31024000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 2 state((3, 3, 2)) V = 29.512800000000013 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.8328000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 4 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	state((1, 5, 4)) V = 12.48639360000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 1 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 3 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 3 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000001 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 3)) V = 17.232992000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 5, 1)) V = 9.489114880000006 Best Action: 3 state((1, 5, 3)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.48639360000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 22.31024000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.52000000000001 Best Action: 2 state((3, 3, 2)) V = 29.512800000000001 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.020000000000000000 Best Action: 3 state((3, 5, 4)) V = 78.0 Best Action: 2 state((4, 1, 1)) V = 15.84819200000000 Best Action: 2 state((4, 1, 3)) V = 12.17855360000000 Best Action: 3 state((4, 1, 4)) V = 12.17855360000000 Best Action: 3 state((4, 2, 2)) V = -2.164455680000000 Best Action: 3 state((4, 2, 2)) V = -2.1644556800000000 Best Action: 3 state((4, 2, 3)) V = 12.578553600000000 Best Action: 3	state((1, 5, 4)) V = 12.48639360000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 1 state((2, 5, 2)) V = 16.552992000000007 Best Action: 1 state((2, 5, 3)) V = 12.742393600000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = 2.2852516352000001 Best Action: 3 state((3, 3, 1)) V = 47.520000000000001 Best Action: 2 state((3, 3, 3)) V = 29.512800000000001 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 4 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 3)) V = 17.232992000000000 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 5, 1)) V = 9.489114880000006 Best Action: 3 state((1, 5, 3)) V = 16.232992000000007 Best Action: 3 state((1, 5, 3)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 5.694274304000006 Best Action: 4 state((2, 1, 1)) V = 5.694274304000006 Best Action: 3 state((2, 1, 3)) V = 5.195291904000005 Best Action: 3	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 16.02819200000001 Best Action: 1 state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 2 state((3, 3, 2)) V = 29.5128000000000013 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.0200000000000000 Best Action: 3 state((3, 5, 4)) V = 78.0 Best Action: 2 state((4, 1, 1)) V = 15.84819200000000 Best Action: 3 state((4, 1, 2)) V = -2.1644556800000005 Best Action: 3 state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000000 Best Action: 3 state((4, 2, 3)) V = -2.1644556800000000 Best Action: 3 state((4, 2, 3)) V = 12.578553600000000 Best Action: 3 Best Action: 4 Best Action: 3	state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.56624000000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000000 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 3 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 3 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 2)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000007 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 5, 1)) V = 9.489114880000006 Best Action: 3 state((1, 5, 3)) V = 16.232992000000007 Best Action: 3 state((1, 5, 3)) V = 16.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 5.694274304000006 Best Action: 4 state((2, 1, 1)) V = 5.694274304000006 Best Action: 3 state((2, 1, 3)) V = 5.195291904000005 Best Action: 1 state((2, 1, 4)) V = 7.7428428800000007 Best Action: 2	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 2 state((3, 3, 2)) V = 29.5128000000000013 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.020000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.020000000000000 Best Action: 3 state((4, 1, 1)) V = 78.0 Best Action: 2 state((4, 1, 1)) V = 15.84819200000000 Best Action: 3 state((4, 1, 2)) V = -2.1644556800000005 Best Action: 3 state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 1)) V = 16.348192000000000 Best Action: 3 state((4, 2, 2)) V = -2.1644556800000000 Best Action: 3 state((4, 2, 3)) V = 12.578553600000000 Best Action: 3 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 2, 4)) V = 22.31024000000001 Best Action: 3	state((2, 1, 1)) V = 2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.382013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 3 state((2, 1, 4)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 1)) V = 22.566240000000000 Best Action: 3 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000000 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = 22.2852516352000003 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = 8.24284288000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 3 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 16.232992000000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000006 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 2)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 9.489114880000006 Best Action: 3 state((1, 5, 2)) V = 16.232992000000007 Best Action: 3 state((1, 5, 3)) V = 12.486393600000007 Best Action: 1 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.48639360000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.512800000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 Best Action: 3 state((3, 3, 1)) V = 47.520000000000011 Best Action: 2 state((3, 3, 2)) V = 29.5128000000000013 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 4 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.020000000000001 Best Action: 1 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 3)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.020000000000000 Best Action: 3 state((4, 1, 1)) V = 78.0 Best Action: 2 state((4, 1, 2)) V = -2.1644556800000005 Best Action: 3 state((4, 1, 3)) V = 12.178553600000008 Best Action: 3 state((4, 1, 4)) V = 12.178553600000008 Best Action: 3 state((4, 2, 2)) V = -2.1644556800000000 Best Action: 3 state((4, 2, 3)) V = 12.578553600000000 Best Action: 3 state((4, 2, 3)) V = 12.578553600000000 Best Action: 3 state((4, 2, 4)) V = 12.578553600000000 Best Action: 3 state((4, 3, 1)) V = 22.31024000000001 Best Action: 3 state((4, 3, 2)) V = 22.31024000000001 Best Action: 3	state((2, 1, 1)) V = 2.285251635200003 Best Action: 3 state((2, 1, 2)) V = -2.285251635200003 Best Action: 3 state((2, 1, 2)) V = -2.285251635200003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 3 state((2, 5, 4)) V = 12.7423936000000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((3, 3, 1)) V = 8.2428428800000001 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 3 state((3, 3, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 1)) V = 48.02000000000001 Best Action: 3 state((3, 4, 2)) V = 29.83280000000001 Best Action: 3 state((3, 4, 2)) V = 29.832800000000001 Best Action: 3 state((3, 4, 2)) V = 29.832800000000001 Best Action: 3 state((3, 4, 2)) V = 29.832800000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 Best Action: 4 state((1, 1, 4)) V = 8.369114880000005 Best Action: 3 state((1, 2, 1)) V = 15.732992000000007 Best Action: 2 state((1, 2, 2)) V = 9.169114880000006 Best Action: 3 state((1, 2, 3)) V = 12.086393600000006 Best Action: 3 state((1, 2, 4)) V = 12.086393600000006 Best Action: 3 state((1, 3, 1)) V = 12.086393600000007 Best Action: 1 state((1, 3, 2)) V = 9.489114880000000 Best Action: 3 state((1, 3, 3)) V = 12.486393600000007 Best Action: 3 state((1, 3, 4)) V = 12.486393600000007 Best Action: 3 state((1, 4, 1)) V = 22.16624000000001 Best Action: 3 state((1, 4, 2)) V = 22.16624000000001 Best Action: 3 state((1, 4, 4)) V = 28.33280000000001 Best Action: 3 state((1, 4, 4)) V = 9.489114880000000 Best Action: 3 state((1, 5, 1)) V = 9.489114880000000 Best Action: 3 state((1, 5, 2)) V = 16.232992000000007 Best Action: 1 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((1, 5, 4)) V = 12.486393600000007 Best Action: 3 state((2, 1, 1)) V = 5.694274304000006 Best Action: 4 state((2, 1, 2)) V = 5.694274304000006 Best Action: 3 state((2, 1, 3)) V = 5.195291904000005 Best Action: 2 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.35804288000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.512800000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.02000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.91600000000001 state((3, 4, 4)) V = 37.91600000000001 state((3, 5, 1)) V = 61.90000000000000 state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.56624000000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.5529920000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 1 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = 12.7423936000000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = 8.24284288000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 4, 1)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001 state((1, 4, 4)) V = 22.3299200000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.5128000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.02000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.916000000000001 state((3, 4, 4)) V = 37.916000000000000000000000000000000000000	state((2, 1, 1)) V = 2.285251635200003 Best Action: 3 state((2, 1, 2)) V = -2.285251635200003 Best Action: 3 state((2, 1, 3)) V = -2.328201308160006 Best Action: 3 state((2, 1, 4)) V = 7.74284288000007 Best Action: 3 state((2, 1, 4)) V = 22.56624000000000008 Best Action: 4 state((2, 4, 1)) V = 22.566240000000000 Best Action: 3 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 3 state((2, 5, 1)) V = 9.693914880000007 Best Action: 1 state((2, 5, 3)) V = 16.552992000000007 Best Action: 1 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = 8.242842880000007 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 29.83280000000001 Best Action: 3 state((3, 4, 4)) V = 29.83280000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 1)) V = 16.232992000000007 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 4, 1)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 5, 1)) V = 9.489114880000006 state((1, 5, 3)) V = 16.232992000000007 state((1, 5, 3)) V = 12.486393600000007 state((1, 5, 4)) V = 16.232992000000007 state((1, 5, 4)) V = 16.232992000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.512800000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.02000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.91600000000001 state((3, 4, 4)) V = 37.91600000000001 state((3, 5, 1)) V = 61.90000000000000 state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.56624000000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.5529920000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 1 state((2, 5, 2)) V = 16.5529920000000007 Best Action: 1 state((2, 5, 3)) V = 12.7423936000000007 Best Action: 3 state((2, 5, 4)) V = 12.7423936000000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = 8.24284288000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 4, 1)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001 state((1, 4, 4)) V = 22.3299200000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.5128000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.02000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.916000000000001 state((3, 4, 4)) V = 37.916000000000000000000000000000000000000	state((2, 1, 1)) V = 2.285251635200003 Best Action: 3 state((2, 1, 2)) V = -2.285251635200003 Best Action: 3 state((2, 1, 3)) V = -2.328201308160006 Best Action: 3 state((2, 1, 4)) V = 7.74284288000007 Best Action: 3 state((2, 1, 4)) V = 22.56624000000000008 Best Action: 4 state((2, 4, 1)) V = 22.566240000000000 Best Action: 3 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 3 state((2, 5, 1)) V = 9.693914880000007 Best Action: 1 state((2, 5, 3)) V = 16.552992000000007 Best Action: 1 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 3)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = 8.242842880000007 Best Action: 3 state((3, 3, 3)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 29.83280000000001 Best Action: 3 state((3, 4, 4)) V = 29.83280000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3 state((3, 4, 4)) V = 37.516000000000001 Best Action: 3	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 1)) V = 16.232992000000007 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 4, 1)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 5, 1)) V = 9.489114880000006 state((1, 5, 3)) V = 16.232992000000007 state((1, 5, 3)) V = 12.486393600000007 state((1, 5, 4)) V = 16.232992000000007 state((1, 5, 4)) V = 16.232992000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 4)) V = 17.02819200000001 state((5, 4, 1)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000000 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.512800000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.02000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.916000000000001 state((3, 5, 1)) V = 61.90000000000000 state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	state((1, 5, 4)) V = 12.48639360000007 Best Action: 4 state((2, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((2, 1, 3)) V = -2.3282013081600006 Best Action: 3 state((2, 1, 4)) V = 7.742842880000007 Best Action: 2 state((2, 4, 1)) V = 22.5662400000000008 Best Action: 4 state((2, 4, 2)) V = 22.566240000000000 Best Action: 3 state((2, 4, 3)) V = 17.552992000000007 Best Action: 3 state((2, 4, 4)) V = 28.83280000000001 Best Action: 1 state((2, 5, 1)) V = 9.693914880000007 Best Action: 3 state((2, 5, 2)) V = 16.552992000000007 Best Action: 1 state((2, 5, 3)) V = 12.742393600000007 Best Action: 3 state((2, 5, 4)) V = 12.742393600000007 Best Action: 3 state((3, 1, 1)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 2)) V = -2.2852516352000003 Best Action: 3 state((3, 1, 4)) V = 8.242842880000007 Best Action: 3 state((3, 3, 3)) V = 47.52000000000001 Best Action: 3 state((3, 3, 3)) V = 37.51600000000001 Best Action: 3 state((3, 4, 1)) V = 48.0200000000001 Best Action: 3 state((3, 4, 3)) V = 37.51600000000001 Best Action: 3 state((3, 4, 3)) V = 37.51600000000001 Best Action: 3 state((3, 4, 4)) V = 29.83280000000001 Best Action: 3 state((3, 4, 4)) V = 37.91600000000001 Best Action: 3 state((3, 4, 4)) V = 37.916000000000001 Best Action: 3 state((3, 4, 4)) V = 37.916000000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 1)) V = 16.232992000000007 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 4, 1)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 5, 1)) V = 9.489114880000006 state((1, 5, 2)) V = 16.232992000000007 state((1, 5, 3)) V = 12.486393600000007 state((1, 5, 4)) V = 12.486393600000007 state((1, 5, 4)) V = 12.48639360000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 4, 3)) V = 17.02819200000001 state((5, 4, 4)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.17855360000008 state((4, 2, 1)) V = 16.34819200000008 state((4, 2, 2)) V = 9.56284288000005 state((4, 2, 3)) V = 12.57855360000006 state((4, 2, 4)) V = 12.57855360000006 state((4, 2, 4)) V = 12.57855360000006 state((4, 3, 1)) V = 22.3102400000001 state((4, 3, 2)) V = 22.3102400000001 state((4, 3, 3)) V = 22.3102400000001 state((4, 3, 4)) V = 17.34819200000001 state((4, 3, 4)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.020000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.916000000000001 state((3, 5, 1)) V = 61.90000000000000	state((1, 5, 4)) V = 12.48639360000007 state((2, 1, 1)) V = -2.2852516352000003 state((2, 1, 2)) V = -2.2852516352000003 state((2, 1, 3)) V = -2.3282013081600006 state((2, 1, 4)) V = 7.742842880000007 state((2, 1, 4)) V = 22.5662400000000008 state((2, 4, 1)) V = 22.5662400000000008 state((2, 4, 2)) V = 22.5662400000000008 state((2, 4, 3)) V = 17.552992000000007 state((2, 4, 3)) V = 17.552992000000007 state((2, 5, 1)) V = 9.693914880000007 state((2, 5, 2)) V = 16.552992000000007 state((2, 5, 3)) V = 12.742393600000007 state((2, 5, 3)) V = 12.742393600000007 state((3, 1, 1)) V = -2.2852516352000003 state((3, 1, 3)) V = -2.2852516352000003 state((3, 1, 4)) V = 8.24284288000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 1)) V = 16.232992000000007 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 3)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007 state((1, 4, 4)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 5, 1)) V = 9.489114880000006 state((1, 5, 2)) V = 16.232992000000007 state((1, 5, 3)) V = 12.486393600000007 state((1, 5, 4)) V = 12.4863936000000007 state((2, 1, 1)) V = 5.694274304000006 state((2, 1, 2)) V = 5.694274304000006 state((2, 1, 3)) V = 5.195291904000005 state((2, 4, 4)) V = 22.5662400000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 state((5, 2, 1)) V = 16.02819200000001 state((5, 2, 2)) V = 9.358042880000008 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 3)) V = 12.32255360000001 state((5, 2, 4)) V = 12.32255360000001 state((5, 3, 1)) V = 21.910240000000012 state((5, 3, 2)) V = 21.910240000000012 state((5, 3, 3)) V = 28.012800000000013 state((5, 3, 3)) V = 28.012800000000013 state((5, 4, 3)) V = 78.5 Best Action: 3 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 2, 4)) V = 12.578553600000006 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 4)) V = 17.348192000000001 state((4, 5, 1)) V = 62.3000000000000000000000000000000000000
state((3, 1, 4)) V = -2.2315645440000003 state((3, 3, 1)) V = 47.52000000000001 state((3, 3, 2)) V = 29.512800000000013 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 4)) V = 37.516000000000001 state((3, 4, 1)) V = 48.020000000000001 state((3, 4, 2)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 4, 4)) V = 37.916000000000001 state((3, 5, 1)) V = 61.90000000000000 Best Action: 3 state((3, 5, 2)) V = 61.90000000000000 Best Action: 3 state((3, 5, 3)) V = 49.0200000000000000000000000000000000000	state((1, 5, 4)) V = 12.48639360000007 state((2, 1, 1)) V = -2.2852516352000003 state((2, 1, 2)) V = -2.2852516352000003 state((2, 1, 3)) V = -2.3282013081600006 state((2, 1, 4)) V = 7.742842880000007 state((2, 1, 4)) V = 22.5662400000000008 state((2, 4, 1)) V = 22.5662400000000008 state((2, 4, 2)) V = 22.5662400000000008 state((2, 4, 3)) V = 17.552992000000007 state((2, 4, 3)) V = 17.552992000000007 state((2, 4, 4)) V = 28.832800000000001 state((2, 5, 1)) V = 9.693914880000007 state((2, 5, 2)) V = 16.552992000000007 state((2, 5, 3)) V = 12.7423936000000007 state((2, 5, 4)) V = 12.742393600000007 state((3, 1, 1)) V = -2.2852516352000003 state((3, 1, 3)) V = -2.2852516352000003 state((3, 1, 3)) V = -2.2852516352000003 state((3, 1, 4)) V = 8.242842880000007 state((3, 3, 3)) V = 37.51600000000001 state((3, 3, 3)) V = 37.51600000000001 state((3, 4, 3)) V = 29.83280000000001 state((3, 4, 3)) V = 29.83280000000001 state((3, 4, 3)) V = 37.91600000000001 state((3, 5, 1)) V = 61.9000000000000000000000000000000000000	state((1, 1, 3)) V = 8.369114880000005 state((1, 1, 4)) V = 8.369114880000005 state((1, 2, 1)) V = 15.732992000000007 state((1, 2, 2)) V = 9.169114880000006 state((1, 2, 3)) V = 12.086393600000006 state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 12.086393600000006 state((1, 3, 1)) V = 12.0863936000000006 state((1, 3, 2)) V = 9.489114880000006 state((1, 3, 2)) V = 9.4891148800000007 state((1, 3, 3)) V = 12.4863936000000007 state((1, 4, 3)) V = 12.4863936000000007 state((1, 4, 4)) V = 22.16624000000001 state((1, 4, 4)) V = 22.16624000000001 state((1, 4, 4)) V = 22.16624000000001 state((1, 4, 4)) V = 28.33280000000001 state((1, 5, 1)) V = 9.489114880000006 state((1, 5, 2)) V = 16.232992000000007 state((1, 5, 3)) V = 12.486393600000007 state((1, 5, 4)) V = 12.486393600000007 state((1, 5, 4)) V = 12.486393600000007 state((2, 1, 1)) V = 5.694274304000006 state((2, 1, 3)) V = 5.694274304000006 state((2, 1, 4)) V = 5.694274304000006 state((2, 1, 4)) V = 7.742842880000007 state((2, 4, 4)) V = 22.5662400000000000000000000000000000000000	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3 state((5, 2, 1)) V = 9.358042880000008 Best Action: 1 state((5, 2, 2)) V = 9.358042880000001 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 3 state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.910240000000012 Best Action: 3 state((5, 3, 2)) V = 21.910240000000012 Best Action: 4 state((5, 3, 3)) V = 28.012800000000013 Best Action: 2 state((5, 3, 4)) V = 17.02819200000001 Best Action: 3 state((5, 4, 1)) V = 78.5 Best Action: 1 state((5, 4, 2)) V = 49.34 Best Action: 3 state((5, 4, 3)) V = 62.3000000000000000000000000000000000000	state((4, 1, 4)) V = 12.178553600000008 state((4, 2, 1)) V = 16.348192000000008 Best Action: 1 state((4, 2, 2)) V = 9.562842880000005 state((4, 2, 3)) V = 12.578553600000006 Best Action: 3 state((4, 2, 4)) V = 12.578553600000006 state((4, 3, 1)) V = 22.31024000000001 state((4, 3, 2)) V = 22.31024000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 3)) V = 28.51280000000001 state((4, 3, 4)) V = 17.348192000000004 state((4, 5, 1)) V = 62.300000000000004 state((4, 5, 2)) V = 62.3000000000000000000000000000000000000

ANSWER D -

state((1, 1, 2)) V = 6.195291904000005	Best Action: 3	state((5, 1, 3)) V = 11.92255360000001	Best Action: 4	state((4, 1, 3)) V = 12.178553600000008 Best Action: 4
state((1, 1, 3)) V = 8.369114880000005	Best Action: 4	state((5, 1, 4)) V = 11.92255360000001	Best Action: 3	state((4, 1, 4)) V = 12.178553600000008 Best Action: 3
state((1, 1, 4)) V = 8.369114880000005	Best Action: 3	state((5, 2, 1)) V = 16.02819200000001	Best Action: 1	state((4, 2, 1)) V = 16.348192000000008 Best Action: 1
state((1, 2, 1)) V = 15.732992000000007	Best Action: 2	state((5, 2, 2)) V = 9.358042880000008	Best Action: 3	state((4, 2, 2)) V = 9.562842880000005 Best Action: 3
state((1, 2, 2)) V = 9.169114880000006	Best Action: 3	state((5, 2, 3)) V = 12.32255360000001	Best Action: 4	state((4, 2, 3)) V = 12.578553600000006 Best Action: 4
state((1, 2, 3)) V = 12.086393600000006	Best Action: 4	state((5, 2, 4)) V = 12.32255360000001	Best Action: 3	state((4, 2, 4)) V = 12.578553600000006 Best Action: 3
state((1, 2, 4)) V = 12.086393600000006	Best Action: 3	state((5, 3, 1)) V = 21.910240000000012	Best Action: 3	state((4, 3, 1)) V = 22.31024000000001 Best Action: 3
state((1, 3, 1)) V = 16.232992000000007	Best Action: 1	state((5, 3, 2)) V = 21.91024000000012	Best Action: 4	state((4, 3, 2)) V = 22.31024000000001 Best Action: 4
state((1, 3, 2)) V = 9.489114880000006	Best Action: 3	state((5, 3, 3)) V = 28.012800000000013	Best Action: 2	state((4, 3, 3)) V = 28.512800000000013 Best Action: 1
state((1, 3, 3)) V = 12.486393600000007	Best Action: 4	state((5, 3, 4)) V = 17.02819200000001	Best Action: 3	state((4, 3, 4)) V = 17.348192000000008 Best Action: 3
state((1, 3, 4)) V = 12.486393600000007	Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1		state((4, 5, 1)) V = 62.30000000000000 Best Action: 4
state((1, 4, 1)) V = 22.16624000000001	Best Action: 4	state((5, 4, 2)) V = 49.34 Best Action: 3		state((4, 5, 2)) V = 62.30000000000000 Best Action: 3
state((1, 4, 2)) V = 22.16624000000001	Best Action: 3	state((5, 4, 3)) V = 62.3000000000000004	Best Action: 4	state((4, 5, 3)) V = 49.34 Best Action: 3
state((1, 4, 3)) V = 17.232992000000007	Best Action: 3	state((5, 4, 4)) V = 62.3000000000000004	Best Action: 3	state((4, 5, 4)) V = 78.5 Best Action: 1
state((1, 4, 4)) V = 28.33280000000001	Best Action: 2	iter 10:	Doot Astion 1	state((5, 1, 1)) V = 15.52819200000011 Best Action: 2
state((1, 5, 1)) V = 9.489114880000006	Best Action: 3	state((1, 1, 1)) V = 11.086393600000006	Best Action: 1	state((5, 1, 2)) V = 9.038042880000008 Best Action: 3
state((1, 5, 2)) V = 16.232992000000007	Best Action: 1	state((1, 1, 2)) V = 6.195291904000005	Best Action: 3	state((5, 1, 3)) V = 11.92255360000001 Best Action: 4
state((1, 5, 3)) V = 12.486393600000007	Best Action: 3	state((1, 1, 3)) V = 8.369114880000005	Best Action: 4	state((5, 1, 4)) V = 11.92255360000001 Best Action: 3
state((1, 5, 4)) V = 12.486393600000007 state((2, 1, 1)) V = 5.694274304000006	Best Action: 4	state((1, 1, 4)) V = 8.369114880000005	Best Action: 3	state((5, 2, 1)) V = 16.02819200000001 Best Action: 1
((, , , , , , , , , , , , , , , , , ,	Best Action: 4	state((1, 2, 1)) V = 15.732992000000007	Best Action: 2	state((5, 2, 2)) V = 9.358042880000008 Best Action: 3 state((5, 2, 3)) V = 12.32255360000001 Best Action: 4
state((2, 1, 2)) V = 5.694274304000006	Best Action: 3	state((1, 2, 2)) V = 9.169114880000006	Best Action: 3	, , , ,
state((2, 1, 3)) V = 5.195291904000005 state((2, 1, 4)) V = 7.742842880000007	Best Action: 1	state((1, 2, 3)) V = 12.086393600000006	Best Action: 4	state((5, 2, 4)) V = 12.32255360000001 Best Action: 3 state((5, 3, 1)) V = 21.91024000000012 Best Action: 3
state((2, 4, 1)) V = 22.5662400000000000000000000000000000000000	Best Action: 2 Best Action: 4	state((1, 2, 4)) V = 12.086393600000006 state((1, 3, 1)) V = 16.232992000000007		state((5, 3, 2)) V = 21.91024000000012 Best Action: 4
state((2, 4, 1)) V = 22.566240000000008 state((2, 4, 2)) V = 22.566240000000008	Best Action: 3	state((1, 3, 1)) V = 16.23299200000007 state((1, 3, 2)) V = 9.489114880000006	Best Action: 1 Best Action: 3	state((5, 3, 3)) V = 28.01280000000012 Best Action: 4
state((2, 4, 3)) V = 17.552992000000007	Best Action: 3	state((1, 3, 2)) V = 9.4891148800000000000000000000000000000000	Best Action: 4	state((5, 3, 4)) V = 28.012800000000013 Best Action: 2
state((2, 4, 4)) V = 28.8328000000000000000000000000000000000	Best Action: 1	state((1, 3, 4)) V = 12.486393600000007 state((1, 3, 4)) V = 12.486393600000007	Best Action: 3	state((5, 4, 1)) V = 78.5 Best Action: 1
state((2, 5, 1)) V = 9.693914880000007	Best Action: 3	state((1, 4, 1)) V = 22.16624000000001	Best Action: 4	state((5, 4, 2)) V = 49.34 Best Action: 3
state((2, 5, 2)) V = 16.55299200000007	Best Action: 1	state((1, 4, 1)) V = 22.16624000000001 state((1, 4, 2)) V = 22.16624000000001	Best Action: 3	state((5, 4, 3)) V = 62.30000000000004 Best Action: 4
state((2, 5, 3)) V = 12.74239360000007	Best Action: 3	state((1, 4, 2)) V = 22.10024000000001 state((1, 4, 3)) V = 17.232992000000007	Best Action: 3	state((5, 4, 4)) V = 62.3000000000000000000000000000000000000
state((2, 5, 4)) V = 12.74239360000007	Best Action: 4	state((1, 4, 4)) V = 28.33280000000001	Best Action: 2	State((3, 4, 4)) V = 02.300000000000
state((2, 3, 4)) V = 12.74233300000007 state((3, 1, 1)) V = 6.094274304000006	Best Action: 4	state((1, 5, 1)) V = 9.489114880000006	Best Action: 3	Result: [((1, 1, 4), (8.369114880000005, 3)), ((1, 1, 1),
state((3, 1, 2)) V = 6.094274304000006	Best Action: 3	state((1, 5, 1)) V = 3.46311466666666666666666666666666666666	Best Action: 1	(11.08639360000006, 1)), ((1, 2, 1),
state((3, 1, 3)) V = 4.695291904000005	Best Action: 2	state((1, 5, 3)) V = 12.48639360000007	Best Action: 3	(15.73299200000007, 2)), ((1, 4, 1),
state((3, 1, 4)) V = 8.242842880000007	Best Action: 1	state((1, 5, 4)) V = 12.486393600000007	Best Action: 4	(22.1662400000001, 4)), ((1, 4, 4), (28.3328000000001
state((3, 3, 1)) V = 47.52000000000001	Best Action: 2	state((2, 1, 1)) V = 5.694274304000006	Best Action: 4	2)), ((3, 4, 4), (37.9160000000001, 3)), ((3, 4, 1),
state((3, 3, 2)) V = 29.512800000000013	Best Action: 3	state((2, 1, 2)) V = 5.694274304000006	Best Action: 3	(48.0200000000001, 1)), ((3, 5, 1),
state((3, 3, 3)) V = 37.51600000000001	Best Action: 4	state((2, 1, 3)) V = 5.195291904000005	Best Action: 1	(61.90000000000000, 4)), ((3, 5, 4), (78.0, 2)), ((5, 5, 4),
state((3, 3, 4)) V = 37.51600000000001	Best Action: 3	state((2, 1, 4)) V = 7.742842880000007	Best Action: 2	None)]
state((3, 4, 1)) V = 48.02000000000001	Best Action: 1	state((2, 4, 1)) V = 22.566240000000008	Best Action: 4	
state((3, 4, 2)) V = 29.83280000000001	Best Action: 3	state((2, 4, 2)) V = 22.566240000000008	Best Action: 3	
state((3, 4, 3)) V = 37.9160000000001	Best Action: 4	state((2, 4, 3)) V = 17.552992000000007	Best Action: 3	
state((3, 4, 4)) V = 37.9160000000001	Best Action: 3	state((2, 4, 4)) V = 28.8328000000001	Best Action: 1	
state((3, 5, 1)) V = 61.900000000000000	Best Action: 4	state((2, 5, 1)) V = 9.693914880000007	Best Action: 3	
state((3, 5, 2)) V = 61.90000000000000	Best Action: 3	state((2, 5, 2)) V = 16.552992000000007	Best Action: 1	
state((3, 5, 3)) V = 49.02000000000001	Best Action: 3	state((2, 5, 3)) V = 12.742393600000007	Best Action: 3	
state((3, 5, 4)) V = 78.0 Best Action: 2		state((2, 5, 4)) V = 12.742393600000007	Best Action: 4	
state((4, 1, 1)) V = 15.848192000000008	Best Action: 2	state((3, 1, 1)) V = 6.094274304000006	Best Action: 4	
state((4, 1, 2)) V = 9.242842880000007	Best Action: 3	state((3, 1, 2)) V = 6.094274304000006	Best Action: 3	
state((4, 1, 3)) V = 12.178553600000008	Best Action: 4	state((3, 1, 3)) V = 4.695291904000005	Best Action: 2	
state((4, 1, 4)) V = 12.178553600000008	Best Action: 3	state((3, 1, 4)) V = 8.242842880000007	Best Action: 1	
state((4, 2, 1)) V = 16.348192000000008	Best Action: 1	state((3, 3, 1)) V = 47.52000000000001	Best Action: 2	
state((4, 2, 2)) V = 9.562842880000005	Best Action: 3	state((3, 3, 2)) V = 29.512800000000013	Best Action: 3	
state((4, 2, 3)) V = 12.578553600000006	Best Action: 4	state((3, 3, 3)) V = 37.51600000000001	Best Action: 4	
state((4, 2, 4)) V = 12.578553600000006	Best Action: 3	state((3, 3, 4)) V = 37.51600000000001	Best Action: 3	
state((4, 3, 1)) V = 22.3102400000001	Best Action: 3	state((3, 4, 1)) V = 48.0200000000001	Best Action: 1	
state((4, 3, 2)) V = 22.3102400000001	Best Action: 4	state((3, 4, 2)) V = 29.83280000000001	Best Action: 3	
state((4, 3, 3)) V = 28.512800000000013	Best Action: 1	state((3, 4, 3)) V = 37.9160000000001	Best Action: 4	
state((4, 3, 4)) V = 17.348192000000008	Best Action: 3	state((3, 4, 4)) V = 37.91600000000001	Best Action: 3	
state((4, 5, 1)) V = 62.3000000000000004	Best Action: 4	state((3, 5, 1)) V = 61.9000000000000000	Best Action: 4	
state((4, 5, 2)) V = 62.3000000000000004	Best Action: 3	state((3, 5, 2)) V = 61.9000000000000000000000000000000000000	Best Action: 3	
state((4, 5, 3)) V = 49.34 Best Action: 3		state((3, 5, 3)) V = 49.020000000000001	Best Action: 3	
state($(4, 5, 4)$) V = 78.5 Best Action: 1	Post Astis 3	state((3, 5, 4)) V = 78.0 Best Action: 2	Doct Action 2	
state((5, 1, 1)) V = 15.528192000000011 state((5, 1, 2)) V = 9.038042880000008	Best Action: 2 Best Action: 3	state((4, 1, 1)) V = 15.848192000000008 state((4, 1, 2)) V = 9.242842880000007	Best Action: 2 Best Action: 3	
3.615((3, 1, 2)) V - 3.030042000000000	DEST ACTION: 3	Juice(14, 1, 2)) V - 3.242042000000000	שבאנ אננוטוו. א	

ianu 1.	state(/F 1 1)\/ = 0.F Dost Action 2	state//4 1 1)\V = 0.63 Post Action: 3	state(/2 1 1)\	state//1 F 1\\\/ = 0.634003 Bost Action: 3
iter 1:	state((5, 1, 1)) V = -0.5 Best Action: 3	state((4, 1, 1)) V = -0.62 Best Action: 3	state((3, 1, 1)) V = -0.6248 Best Action: 3	state((1, 5, 1)) V = -0.624992 Best Action: 3
state($(1, 1, 1)$) V = -0.5 Best Action: 3	state($(5, 1, 2)$) V = -0.5 Best Action: 3	state((4, 1, 2)) V = -0.62 Best Action: 3	state((3, 1, 2)) V = -0.6248 Best Action: 3	state((1, 5, 2)) V = -0.624992 Best Action: 3
state((1, 1, 2)) V = -0.5 Best Action: 3	state((5, 1, 3)) V = -0.6 Best Action: 3	state((4, 1, 3)) V = -0.624 Best Action: 3	state((3, 1, 3)) V = -0.62496 Best Action: 3	state((1, 5, 3)) V = -0.6249984 Best Action: 3
state((1, 1, 3)) V = -0.6 Best Action: 3	state((5, 1, 4)) V = -0.6 Best Action: 3	state((4, 1, 4)) V = -0.624 Best Action: 3	state((3, 1, 4)) V = -0.62496 Best Action: 3	state((1, 5, 4)) V = -0.6249984 Best Action: 3
state((1, 1, 4)) V = -0.6 Best Action: 3	state((5, 2, 1)) V = -0.5 Best Action: 3	state((4, 2, 1)) V = -0.62 Best Action: 3	state((3, 3, 1)) V = -0.6248 Best Action: 3	state((2, 1, 1)) V = -0.624992 Best Action: 3
state((1, 2, 1)) V = -0.5 Best Action: 3	state((5, 2, 2)) V = -0.5 Best Action: 3	state((4, 2, 2)) V = -0.62 Best Action: 3	state((3, 3, 2)) V = -0.6248 Best Action: 3	state((2, 1, 2)) V = -0.624992 Best Action: 3
state((1, 2, 2)) V = -0.5 Best Action: 3	state((5, 2, 3)) V = -0.6 Best Action: 3	state((4, 2, 3)) V = -0.624 Best Action: 3	state((3, 3, 3)) V = -0.62496 Best Action: 3	state((2, 1, 3)) V = -0.6249984 Best Action: 3
state((1, 2, 3)) V = -0.6 Best Action: 3	state((5, 2, 4)) V = -0.6 Best Action: 3	state((4, 2, 4)) V = -0.624 Best Action: 3	state((3, 3, 4)) V = -0.62496 Best Action: 3	state((2, 1, 4)) V = -0.6249984 Best Action: 3
state((1, 2, 4)) V = -0.6 Best Action: 3	state((5, 3, 1)) V = -0.5 Best Action: 3	state((4, 3, 1)) V = -0.62 Best Action: 3	state((3, 4, 1)) V = -0.6248 Best Action: 3	state((2, 4, 1)) V = -0.624992 Best Action: 3
state((1, 3, 1)) V = -0.5 Best Action: 3	state((5, 3, 2)) V = -0.5 Best Action: 3	state((4, 3, 2)) V = -0.62 Best Action: 3	state((3, 4, 2)) V = -0.6248 Best Action: 3	state((2, 4, 2)) V = -0.624992 Best Action: 3
state((1, 3, 2)) V = -0.5 Best Action: 3	state((5, 3, 3)) V = -0.6 Best Action: 3	state((4, 3, 3)) V = -0.624 Best Action: 3	state((3, 4, 3)) V = -0.62496 Best Action: 3	state((2, 4, 3)) V = -0.6249984 Best Action: 3
state((1, 3, 3)) V = -0.6 Best Action: 3	state((5, 3, 4)) V = -0.6 Best Action: 3	state((4, 3, 4)) V = -0.624 Best Action: 3	state((3, 4, 4)) V = -0.62496 Best Action: 3	state((2, 4, 4)) V = -0.6249984 Best Action: 3
state((1, 3, 4)) V = -0.6 Best Action: 3	state((5, 4, 1)) V = 18.5 Best Action: 1	state((4, 5, 1)) V = 3.2 Best Action: 4	state((3, 5, 1)) V = 3.1 Best Action: 4	state((2, 5, 1)) V = -0.624992 Best Action: 3
state((1, 4, 1)) V = -0.5 Best Action: 3	state((5, 4, 2)) V = -0.5 Best Action: 3	state((4, 5, 2)) V = 3.2 Best Action: 3	state((3, 5, 2)) V = 3.1 Best Action: 3	state((2, 5, 2)) V = -0.624992 Best Action: 3
state((1, 4, 2)) V = -0.5 Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4	state((4, 5, 3)) V = 0.1400000000000000000000000000000000000	state((3, 5, 3)) V = 0.120000000000000 Best Action: 3	state((2, 5, 3)) V = -0.6249984 Best Action: 3
state((1, 4, 3)) V = -0.6 Best Action: 3	state((5, 4, 4)) V = 3.2 Best Action: 3	state((4, 5, 4)) V = 18.5 Best Action: 1	state((3, 5, 4)) V = 18.0 Best Action: 2	state((2, 5, 4)) V = -0.6249984 Best Action: 3
state((1, 4, 4)) V = -0.6 Best Action: 3	iter 2:	state((5, 1, 1)) V = -0.62 Best Action: 3	state((4, 1, 1)) V = -0.6248 Best Action: 3	state((3, 1, 1)) V = -0.624992 Best Action: 3
state((1, 5, 1)) V = -0.5 Best Action: 3	state((1, 1, 1)) V = -0.62 Best Action: 3	state((5, 1, 2)) V = -0.62 Best Action: 3	state((4, 1, 2)) V = -0.6248 Best Action: 3	state((3, 1, 2)) V = -0.624992 Best Action: 3
state((1, 5, 2)) V = -0.5 Best Action: 3			state((4, 1, 3)) V = -0.62496 Best Action: 3	
** * * *	state((1, 1, 2)) V = -0.62 Best Action: 3	state((5, 1, 3)) V = -0.624 Best Action: 3		state((3, 1, 3)) V = -0.6249984 Best Action: 3
state($(1, 5, 3)$) V = -0.6 Best Action: 3	state($(1, 1, 3)$) V = -0.624 Best Action: 3	state((5, 1, 4)) V = -0.624 Best Action: 3	state((4, 1, 4)) V = -0.62496 Best Action: 3	state((3, 1, 4)) V = -0.6249984 Best Action: 3
state($(1, 5, 4)$) V = -0.6 Best Action: 3	state((1, 1, 4)) V = -0.624 Best Action: 3	state((5, 2, 1)) V = -0.62 Best Action: 3	state((4, 2, 1)) V = -0.6248 Best Action: 3	state((3, 3, 1)) V = -0.624992 Best Action: 3
state((2, 1, 1)) $V = -0.5$ Best Action: 3	state((1, 2, 1)) V = -0.62 Best Action: 3	state((5, 2, 2)) V = -0.62 Best Action: 3	state((4, 2, 2)) V = -0.6248 Best Action: 3	state((3, 3, 2)) V = -0.624992 Best Action: 3
state((2, 1, 2)) V = -0.5 Best Action: 3	state((1, 2, 2)) V = -0.62 Best Action: 3	state((5, 2, 3)) V = -0.624 Best Action: 3	state((4, 2, 3)) V = -0.62496 Best Action: 3	state((3, 3, 3)) V = -0.6249984 Best Action: 3
state((2, 1, 3)) V = -0.6 Best Action: 3	state((1, 2, 3)) V = -0.624 Best Action: 3	state((5, 2, 4)) V = -0.624 Best Action: 3	state((4, 2, 4)) V = -0.62496 Best Action: 3	state((3, 3, 4)) V = -0.6249984 Best Action: 3
state((2, 1, 4)) V = -0.6 Best Action: 3	state((1, 2, 4)) V = -0.624 Best Action: 3	state((5, 3, 1)) V = -0.62 Best Action: 3	state((4, 3, 1)) V = -0.6248 Best Action: 3	state((3, 4, 1)) V = -0.624992 Best Action: 3
state((2, 4, 1)) V = -0.5 Best Action: 3	state((1, 3, 1)) V = -0.62 Best Action: 3	state((5, 3, 2)) V = -0.62 Best Action: 3	state((4, 3, 2)) V = -0.6248 Best Action: 3	state((3, 4, 2)) V = -0.624992 Best Action: 3
state((2, 4, 2)) V = -0.5 Best Action: 3	state((1, 3, 2)) V = -0.62 Best Action: 3	state((5, 3, 3)) V = -0.624 Best Action: 3	state((4, 3, 3)) V = -0.62496 Best Action: 3	state((3, 4, 3)) V = -0.6249984 Best Action: 3
state((2, 4, 3)) V = -0.6 Best Action: 3	state((1, 3, 3)) V = -0.624 Best Action: 3	state((5, 3, 4)) V = -0.624 Best Action: 3	state((4, 3, 4)) V = -0.62496 Best Action: 3	state((3, 4, 4)) V = -0.6249984 Best Action: 3
state((2, 4, 4)) V = -0.6 Best Action: 3	state((1, 3, 4)) V = -0.624 Best Action: 3	state((5, 4, 1)) V = 18.5 Best Action: 1	state((4, 5, 1)) V = 3.2 Best Action: 4	state((3, 5, 1)) V = 3.1 Best Action: 4
state($(2, 5, 1)$) V = -0.5 Best Action: 3	state((1, 4, 1)) V = -0.62 Best Action: 3	state((5, 4, 2)) V = 0.14000000000000012 Best Action: 3	state((4, 5, 2)) V = 3.2 Best Action: 3	state((3, 5, 2)) V = 3.1 Best Action: 3
state((2, 5, 2)) V = -0.5 Best Action: 3	state((1, 4, 2)) V = -0.62 Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4	state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3	state((3, 5, 3)) V = 0.120000000000000 Best Action: 3
state((2, 5, 3)) V = -0.6 Best Action: 3	state((1, 4, 3)) V = -0.624 Best Action: 3	state((5, 4, 4)) V = 3.2 Best Action: 3	state((4, 5, 4)) V = 18.5 Best Action: 1	state((3, 5, 4)) V = 18.0 Best Action: 2
state((2, 5, 4)) V = -0.6 Best Action: 3	state((1, 4, 4)) V = -0.624 Best Action: 3	iter 3:	state((5, 1, 1)) V = -0.6248 Best Action: 3	state((4, 1, 1)) V = -0.624992 Best Action: 3
*** / / //	State((1, 1, 1), 1 0.021 Dest / telloii. 3	iter 5.	State((3, 1, 1)) V = -0.0248 Best Action: 3	state((4, 1, 1)) v = -0.024992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3	state((4, 1, 1)) V = -0.024992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3	$state((4, 1, 2)) \ V = -0.624992 \\ state((4, 1, 3)) \ V = -0.6249984 \\ state((4, 1, 4)) \ V = -0.6249984 \\ state((4, 2, 1)) \ V = -0.624992 \\ state((4, 2, 2)) \ V = -0.624992 \\ state((4, 2, 2)) \ V = -0.624992 \\ state((4, 2, 3)) \ V = -0.6249984 \\ state((4, 2, 4)) \ V = -0.6249984 \\ state((4, 2, 4)) \ V = -0.6249984 \\ state((4, 3, 1)) \ V = -0.6249982 \\ state((4, 3, 1)) \ V = -0.6249992 \\ state((4, 3, 1)) \ V = -0.624999$
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3	$state((4, 1, 2)) \ V = -0.624992 \\ state((4, 1, 3)) \ V = -0.6249984 \\ state((4, 1, 4)) \ V = -0.6249984 \\ state((4, 2, 1)) \ V = -0.6249984 \\ state((4, 2, 2)) \ V = -0.624992 \\ state((4, 2, 2)) \ V = -0.624992 \\ state((4, 2, 3)) \ V = -0.6249984 \\ state((4, 2, 4)) \ V = -0.6249984 \\ state((4, 3, 1)) \ V = -0.6249984 \\ state((4, 3, 2)) \ V = -0.624992 \\ state((4$
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3	$state((4, 1, 2)) \ V = -0.624992 \\ state((4, 1, 3)) \ V = -0.6249984 \\ state((4, 1, 4)) \ V = -0.6249984 \\ state((4, 2, 1)) \ V = -0.6249984 \\ state((4, 2, 2)) \ V = -0.624992 \\ state((4, 2, 2)) \ V = -0.624992 \\ state((4, 2, 3)) \ V = -0.6249984 \\ state((4, 2, 4)) \ V = -0.6249984 \\ state((4, 3, 1)) \ V = -0.6249984 \\ state((4, 3, 2)) \ V = -0.624992 \\ state((4$
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.624 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3	$state((4,1,2)) \ V = -0.624992 \\ state((4,1,3)) \ V = -0.6249984 \\ state((4,1,4)) \ V = -0.6249984 \\ state((4,2,1)) \ V = -0.6249984 \\ state((4,2,1)) \ V = -0.624992 \\ state((4,2,2)) \ V = -0.624992 \\ state((4,2,3)) \ V = -0.6249984 \\ state((4,2,4)) \ V = -0.6249984 \\ state((4,3,1)) \ V = -0.6249984 \\ state((4,3,2)) \ V = -0.624992 \\ state((4,3,2)) \ V = -0.624992 \\ state((4,3,3)) \ V = -0.6249984 \\ state((4,3,3)) \ V = -0.6249984 \\ state((4,3,4)) \ V = -0.6249984 \\ state((4,$
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.624 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.5 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.6 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.5 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.6 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.624 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 4)) V = 18.0 Best Action: 2	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4:	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.140000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 4)) V = 18.0 Best Action: 2 state((4, 1, 1)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.6248 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 2)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 5, 3)) V = -0.5 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 2)) V = -0.62 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3 state((1, 5, 2)) V = -0.6248 Best Action: 3 state((1, 5, 2)) V = -0.6248 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624992 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 2)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.624 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 2)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.6248 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3 state((1, 5, 2)) V = -0.6248 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.62496 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624992 Best Action: 3 state((1, 1, 3)) V = -0.6249984 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.140000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 2)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.62496 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.6249984 Best Action: 3 state((1, 1, 4)) V = -0.6249984 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 2)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.624 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.62496 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.6249984 Best Action: 3 state((1, 1, 4)) V = -0.6249984 Best Action: 3 state((1, 1, 2)) V = -0.6249984 Best Action: 3 state((1, 2, 1)) V = -0.6249992 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.5 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.5 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.624 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 2)) V = -0.62 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 2)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624994 Best Action: 3 state((1, 1, 4)) V = -0.6249984 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.140000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.624 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.6248 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.62496 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.6249984 Best Action: 3 state((1, 1, 4)) V = -0.6249984 Best Action: 3 state((1, 1, 2)) V = -0.6249984 Best Action: 3 state((1, 2, 1)) V = -0.6249992 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.5 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.5 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.624 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 2)) V = -0.62 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 2)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.6248 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624994 Best Action: 3 state((1, 1, 4)) V = -0.6249984 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.140000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3
state((3, 1, 1)) V = -0.5 state((3, 1, 2)) V = -0.5 state((3, 1, 3)) V = -0.6 state((3, 1, 4)) V = -0.6 state((3, 3, 1)) V = -0.6 state((3, 3, 1)) V = -0.5 state((3, 3, 2)) V = -0.5 state((3, 3, 3)) V = -0.6 state((3, 3, 3)) V = -0.6 state((3, 3, 4)) V = -0.6 state((3, 4, 1)) V = -0.5 state((3, 4, 2)) V = -0.5 state((3, 4, 3)) V = -0.6 state((3, 4, 4)) V = -0.6 state((3, 4, 4)) V = -0.6 state((3, 5, 1)) V = -0.5 state((3, 5, 2)) V = -0.5 state((3, 5, 3)) V = -0.6 state((4, 1, 1)) V = -0.5 state((4, 1, 1)) V = -0.5 state((4, 1, 3)) V = -0.6 state((4, 1, 3)) V = -0.6 state((4, 1, 4)) V = -0.5 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.5 state((4, 2, 1)) V = -0.5 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.624 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 2)) V = -0.62 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.62496 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3 state((1, 4, 4)) V = -0.6248 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 2)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.6248 Best Action: 3 state((2, 1, 2)) V = -0.6248 Best Action: 3 state((2, 1, 3)) V = -0.6248 Best Action: 3 state((2, 1, 3)) V = -0.6248 Best Action: 3 state((2, 1, 3)) V = -0.6248 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 3)) V = -0.624994 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624994 Best Action: 3 state((1, 2, 2)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 2)) V = -0.624992 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 3)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 2 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.5 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 4)) V = -0.5 Best Action: 3 state((4, 2, 4)) V = -0.6 Best Action: 3 state((4, 2, 4)) V = -0.6 Best Action: 3 state((4, 2, 4)) V = -0.6 Best Action: 3 state((4, 2, 4)) V = -0.6 Best Action: 3 state((4, 2, 4)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 2)) V = -0.62 Best Action: 3 state((3, 1, 4)) V = -0.62 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 1)) V = -0.624994 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 4)) V = -0.624994 Best Action: 3 state((1, 2, 4)) V = -0.624994 Best Action: 3 state((1, 2, 4)) V = -0.624994 Best Action: 3 state((1, 2, 4)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 2)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.6 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.5 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 2, 4)) V = -0.5 Best Action: 3 state((4, 3, 1)) V = -0.6 Best Action: 3 state((4, 3, 1)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3 state((2, 4, 2)) V = -0.624 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 2)) V = -0.62 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 4, 1)) V = -0.624 Best Action: 3 state((3, 4, 1)) V = -0.624 Best Action: 3 state((3, 4, 1)) V = -0.624 Best Action: 3 state((3, 4, 2)) V = -0.624 Best Action: 3 state((3, 4, 2)) V = -0.624 Best Action: 3 state((3, 4, 2)) V = -0.624 Best Action: 3 state((3, 4, 2)) V = -0.624 Best Action: 3 state((3, 4, 2)) V = -0.624 Best Action: 3 state((3, 4, 2)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 2)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.62496 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624994 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 4)) V = -0.6249984 Best Action: 3 state((1, 2, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 1)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3 state((1, 3, 3)) V = -0.6249984 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.624992 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3 state((2, 4, 2)) V = -0.624 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 2)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 4)) V = -0.62 Best Action: 3 state((3, 4, 1)) V = -0.62 Best Action: 3 state((3, 4, 2)) V = -0.62 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.62496 Best Action: 3 state((1, 4, 2)) V = -0.6248 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 2)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 4, 2)) V = -0.6248 Best Action: 3 state((2, 4, 2)) V = -0.6248 Best Action: 3 state((2, 4, 2)) V = -0.6248 Best Action: 3 state((2, 4, 2)) V = -0.6248 Best Action: 3 state((2, 4, 2)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624994 Best Action: 3 state((1, 1, 3)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.624994 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.140000000000000012 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 2, 3)) V = -0.624992 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 3)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 2)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.5 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.624 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.624 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 4)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 2)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.6248 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.6248 Best Action: 3 state((1, 4, 2)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 2)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 4, 1)) V = -0.62496 Best Action: 3 state((2, 4, 1)) V = -0.62496 Best Action: 3 state((2, 4, 1)) V = -0.62496 Best Action: 3 state((2, 4, 1)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.6248 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 4 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624994 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.624992 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.624992 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.624992 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 3)) V = 0.140000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.624992 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 state((3, 1, 2)) V = -0.5 state((3, 1, 3)) V = -0.6 state((3, 1, 4)) V = -0.6 state((3, 1, 4)) V = -0.6 state((3, 3, 1)) V = -0.5 state((3, 3, 1)) V = -0.5 state((3, 3, 3)) V = -0.5 state((3, 3, 3)) V = -0.6 sest Action: 3 state((3, 3, 4)) V = -0.6 sest Action: 3 state((3, 4, 1)) V = -0.5 state((3, 4, 2)) V = -0.5 state((3, 4, 3)) V = -0.6 sest Action: 3 state((3, 4, 3)) V = -0.6 sest Action: 3 state((3, 4, 4)) V = -0.6 sest Action: 3 state((3, 5, 1)) V = -0.5 sest Action: 3 state((3, 5, 3)) V = -0.6 sest Action: 3 state((3, 5, 4)) V = 18.0 sest Action: 3 state((4, 1, 1)) V = -0.5 sest Action: 3 state((4, 1, 3)) V = -0.6 sest Action: 3 state((4, 1, 4)) V = -0.6 sest Action: 3 state((4, 1, 4)) V = -0.6 sest Action: 3 state((4, 2, 1)) V = -0.6 sest Action: 3 state((4, 2, 3)) V = -0.6 sest Action: 3 state((4, 2, 3)) V = -0.6 sest Action: 3 state((4, 2, 3)) V = -0.6 sest Action: 3 state((4, 3, 3)) V = -0.6 sest Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 2)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.624 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.62 Best Action: 3 state((2, 5, 2)) V = -0.62 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.62 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 1)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 3)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 5, 1)) V = -0.624 Best Action: 3 state((3, 5, 1)) V = -0.624 Best Action: 3 state((3, 5, 1)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 3)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 1)) V = -0.62496 Best Action: 3 state((1, 4, 2)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 2)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 2)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 4, 2)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 5)) V = -0.62496 Best Action: 3 state((2, 4, 5)) V = -0.62496 Best Action: 3 state((2, 4, 5)) V = -0.62496 Best Action: 3 state((2, 4, 5)) V = -0.62496 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 4)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.624992 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.624992 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 4)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.5 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 4)) V = 18.0 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 2)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 5, 1)) V = -0.62496 Best Action: 3 state((2, 5, 1)) V = -0.62496 Best Action: 3 state((2, 5, 1)) V = -0.62496 Best Action: 3 state((2, 5, 2)) V = -0.62488 Best Action: 3 state((2, 5, 2)) V = -0.62488 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624992 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 4, 1)) V = -0.624994 Best Action: 3 state((1, 4, 1)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.624992 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 1)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 3)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 1, 4)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.5 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 4)) V = 18.0 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.5 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 state((1, 5, 2)) V = -0.62 state((1, 5, 3)) V = -0.624 state((1, 5, 4)) V = -0.624 state((1, 5, 4)) V = -0.624 state((2, 1, 1)) V = -0.62 state((2, 1, 1)) V = -0.62 state((2, 1, 2)) V = -0.62 state((2, 1, 3)) V = -0.624 state((2, 1, 4)) V = -0.624 state((2, 1, 4)) V = -0.624 state((2, 4, 1)) V = -0.624 state((2, 4, 1)) V = -0.62 state((2, 4, 2)) V = -0.62 state((2, 4, 3)) V = -0.624 state((2, 4, 4)) V = -0.624 state((2, 5, 1)) V = -0.62 state((2, 5, 2)) V = -0.62 state((2, 5, 3)) V = -0.624 state((2, 5, 3)) V = -0.624 state((2, 5, 4)) V = -0.624 state((3, 1, 1)) V = -0.62 state((3, 1, 3)) V = -0.624 state((3, 1, 3)) V = -0.624 state((3, 1, 3)) V = -0.624 state((3, 3, 3)) V = -0.624 state((3, 4, 4)) V = -0.624 state((3, 5, 5))	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 2)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 4, 3)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3 state((2, 5, 5, 1)) V = -0.62498 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.62496 Best Action: 3 state((5, 3, 2)) V = -0.62498 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 3)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624992 Best Action: 3 state((1, 1, 3)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624994 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 4, 1)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 1)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 4)) V = -0.6249984 Best Action: 3
state((3, 1, 1)) V = -0.5 Best Action: 3 state((3, 1, 2)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.6 Best Action: 3 state((3, 1, 4)) V = -0.5 Best Action: 3 state((3, 3, 1)) V = -0.5 Best Action: 3 state((3, 3, 2)) V = -0.5 Best Action: 3 state((3, 3, 3)) V = -0.6 Best Action: 3 state((3, 3, 4)) V = -0.6 Best Action: 3 state((3, 4, 1)) V = -0.5 Best Action: 3 state((3, 4, 2)) V = -0.5 Best Action: 3 state((3, 4, 3)) V = -0.6 Best Action: 3 state((3, 4, 4)) V = -0.6 Best Action: 3 state((3, 5, 1)) V = -0.5 Best Action: 3 state((3, 5, 2)) V = -0.5 Best Action: 3 state((3, 5, 3)) V = -0.6 Best Action: 3 state((3, 5, 4)) V = 18.0 Best Action: 3 state((4, 1, 1)) V = -0.5 Best Action: 3 state((4, 1, 2)) V = -0.5 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 1, 4)) V = -0.6 Best Action: 3 state((4, 2, 1)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 2, 3)) V = -0.6 Best Action: 3 state((4, 3, 3)) V = -0.6 Best Action: 3	state((1, 5, 1)) V = -0.62 Best Action: 3 state((1, 5, 3)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((1, 5, 4)) V = -0.624 Best Action: 3 state((2, 1, 1)) V = -0.62 Best Action: 3 state((2, 1, 2)) V = -0.62 Best Action: 3 state((2, 1, 3)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 1, 4)) V = -0.624 Best Action: 3 state((2, 4, 1)) V = -0.62 Best Action: 3 state((2, 4, 2)) V = -0.62 Best Action: 3 state((2, 4, 3)) V = -0.624 Best Action: 3 state((2, 5, 1)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 3)) V = -0.624 Best Action: 3 state((2, 5, 4)) V = -0.624 Best Action: 3 state((3, 1, 1)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 3)) V = -0.624 Best Action: 3 state((3, 1, 4)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 3, 3)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.62 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 4, 4)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3 state((3, 5, 5)) V = -0.624 Best Action: 3	state((1, 1, 1)) V = -0.6248 Best Action: 3 state((1, 1, 2)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 1, 4)) V = -0.62496 Best Action: 3 state((1, 2, 1)) V = -0.6248 Best Action: 3 state((1, 2, 2)) V = -0.6248 Best Action: 3 state((1, 2, 3)) V = -0.62496 Best Action: 3 state((1, 2, 4)) V = -0.62496 Best Action: 3 state((1, 3, 1)) V = -0.62496 Best Action: 3 state((1, 3, 2)) V = -0.62496 Best Action: 3 state((1, 3, 3)) V = -0.62496 Best Action: 3 state((1, 3, 4)) V = -0.62496 Best Action: 3 state((1, 4, 3)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 4, 4)) V = -0.62496 Best Action: 3 state((1, 5, 1)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 3)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((1, 5, 4)) V = -0.62496 Best Action: 3 state((2, 1, 1)) V = -0.62496 Best Action: 3 state((2, 1, 2)) V = -0.62496 Best Action: 3 state((2, 1, 3)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 1, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 4, 4)) V = -0.62496 Best Action: 3 state((2, 5, 1)) V = -0.62496 Best Action: 3 state((2, 5, 1)) V = -0.62496 Best Action: 3 state((2, 5, 1)) V = -0.62496 Best Action: 3 state((2, 5, 2)) V = -0.62488 Best Action: 3 state((2, 5, 2)) V = -0.62488 Best Action: 3	state((5, 1, 2)) V = -0.6248 Best Action: 3 state((5, 1, 3)) V = -0.62496 Best Action: 3 state((5, 1, 4)) V = -0.62496 Best Action: 3 state((5, 2, 1)) V = -0.6248 Best Action: 3 state((5, 2, 2)) V = -0.6248 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 3)) V = -0.62496 Best Action: 3 state((5, 2, 4)) V = -0.62496 Best Action: 3 state((5, 3, 1)) V = -0.6248 Best Action: 3 state((5, 3, 2)) V = -0.62496 Best Action: 3 state((5, 3, 3)) V = -0.62496 Best Action: 3 state((5, 3, 4)) V = -0.62496 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3 state((5, 4, 4)) V = 3.2 Best Action: 3 iter 4: state((1, 1, 1)) V = -0.624992 Best Action: 3 state((1, 1, 2)) V = -0.624992 Best Action: 3 state((1, 1, 4)) V = -0.624994 Best Action: 3 state((1, 2, 1)) V = -0.624992 Best Action: 3 state((1, 2, 2)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624992 Best Action: 3 state((1, 2, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 3)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 3, 4)) V = -0.624994 Best Action: 3 state((1, 4, 1)) V = -0.624994 Best Action: 3 state((1, 4, 1)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3 state((1, 4, 4)) V = -0.624994 Best Action: 3	state((4, 1, 2)) V = -0.624992 Best Action: 3 state((4, 1, 3)) V = -0.6249984 Best Action: 3 state((4, 1, 4)) V = -0.6249984 Best Action: 3 state((4, 2, 1)) V = -0.624992 Best Action: 3 state((4, 2, 2)) V = -0.624992 Best Action: 3 state((4, 2, 3)) V = -0.6249984 Best Action: 3 state((4, 2, 4)) V = -0.6249984 Best Action: 3 state((4, 3, 1)) V = -0.624992 Best Action: 3 state((4, 3, 2)) V = -0.624992 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 3, 3)) V = -0.6249984 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.624992 Best Action: 3 state((5, 1, 1)) V = -0.6249984 Best Action: 3 state((5, 1, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 1)) V = -0.6249984 Best Action: 3 state((5, 2, 2)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 2, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 3)) V = -0.6249984 Best Action: 3 state((5, 3, 4)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 1)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 2)) V = -0.6249984 Best Action: 3 state((5, 4, 3)) V = -0.6249984 Best Action: 3

state((1, 1, 1)) V = -0.62499968 Best Action: 3	state((5, 1, 2)) V = -0.62499968 Best Action: 3	state((4, 1, 2)) V = -0.6249999872 Best Action: 3	state((3, 1, 2)) V = -0.624999999488 Best Action: 3	state((1, 5, 2)) V = -0.62499999997952 Best Action: 3
state((1, 1, 2)) V = -0.62499968 Best Action: 3	state((5, 1, 3)) V = -0.624999936 Best Action: 3	state((4, 1, 3)) V = -0.62499999744 Best Action: 3	state((3, 1, 3)) V = -0.6249999998976 Best Action: 3	state((1, 5, 3)) V = -0.624999999999999999999999999999999999999
state((1, 1, 3)) V = -0.624999936 Best Action: 3	state((5, 1, 4)) V = -0.624999936 Best Action: 3	state((4, 1, 4)) V = -0.62499999744 Best Action: 3	state((3, 1, 4)) V = -0.6249999998976 Best Action: 3	state((1, 5, 4)) V = -0.624999999999999999999999999999999999999
state((1, 1, 4)) V = -0.624999936 Best Action: 3	state((5, 2, 1)) V = -0.62499968 Best Action: 3	state((4, 2, 1)) V = -0.6249999872 Best Action: 3	state((3, 3, 1)) V = -0.624999999488 Best Action: 3	state((2, 1, 1)) V = -0.62499999997952 Best Action: 3
state((1, 2, 1)) V = -0.62499968 Best Action: 3	state((5, 2, 2)) V = -0.62499968 Best Action: 3	state((4, 2, 2)) V = -0.6249999872 Best Action: 3	state((3, 3, 2)) V = -0.624999999488 Best Action: 3	state((2, 1, 2)) V = -0.62499999997952 Best Action: 3
state((1, 2, 2)) V = -0.62499968 Best Action: 3	state((5, 2, 3)) V = -0.624999936 Best Action: 3	state((4, 2, 3)) V = -0.62499999744 Best Action: 3	state((3, 3, 3)) V = -0.6249999998976 Best Action: 3	state((2, 1, 3)) V = -0.624999999999999999999999999999999999999
state((1, 2, 3)) V = -0.624999936 Best Action: 3	state((5, 2, 4)) V = -0.624999936 Best Action: 3	state((4, 2, 4)) V = -0.62499999744 Best Action: 3	state((3, 3, 4)) V = -0.6249999998976 Best Action: 3	state((2, 1, 4)) V = -0.62499999995904 Best Action: 3
state((1, 2, 4)) V = -0.624999936 Best Action: 3	state((5, 3, 1)) V = -0.62499968 Best Action: 3	state((4, 3, 1)) V = -0.6249999872 Best Action: 3	state((3, 4, 1)) V = -0.624999999488 Best Action: 3	state((2, 4, 1)) V = -0.62499999997952 Best Action: 3
state((1, 3, 1)) V = -0.62499968 Best Action: 3	state((5, 3, 2)) V = -0.62499968 Best Action: 3	, , , ,	state((3, 4, 2)) V = -0.624999999488 Best Action: 3	state((2, 4, 2)) V = -0.62499999997952 Best Action: 3
state((1, 3, 2)) V = -0.62499968 Best Action: 3	state((5, 3, 3)) V = -0.624999936 Best Action: 3	state((4, 3, 3)) V = -0.62499999744 Best Action: 3	state((3, 4, 3)) V = -0.6249999998976 Best Action: 3	state((2, 4, 3)) V = -0.624999999999999999999999999999999999999
state((1, 3, 3)) V = -0.624999936 Best Action: 3	state((5, 3, 4)) V = -0.624999936 Best Action: 3	state((4, 3, 4)) V = -0.62499999744 Best Action: 3	state((3, 4, 4)) V = -0.6249999998976 Best Action: 3	state((2, 4, 4)) V = -0.624999999999999999999999999999999999999
state((1, 3, 4)) V = -0.624999936 Best Action: 3	state((5, 4, 1)) V = 18.5 Best Action: 1	state((4, 5, 1)) V = 3.2 Best Action: 4	state((3, 5, 1)) V = 3.1 Best Action: 4	state((2, 5, 1)) V = -0.62499999997952 Best Action: 3
state((1, 4, 1)) V = -0.62499968 Best Action: 3	state((5, 4, 2)) V = 0.140000000000000012 Best Action: 3	state((4, 5, 2)) V = 3.2 Best Action: 3	state((3, 5, 2)) V = 3.1 Best Action: 3	state((2, 5, 2)) V = -0.62499999997952 Best Action: 3
state((1, 4, 2)) V = -0.62499968 Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4	state((4, 5, 3)) V = 0.1400000000000000000000000000000000000	state((3, 5, 3)) V = 0.120000000000000 Best Action: 3	state((2, 5, 3)) V = -0.624999999999999999999999999999999999999
state((1, 4, 3)) V = -0.624999936 Best Action: 3	state((5, 4, 4)) V = 3.2 Best Action: 3	state((4, 5, 4)) V = 18.5 Best Action: 1	state((3, 5, 4)) V = 18.0 Best Action: 2	state((2, 5, 4)) V = -0.624999999999999999999999999999999999999
state((1, 4, 4)) V = -0.624999936 Best Action: 3	iter 6:	state((5, 1, 1)) V = -0.6249999872 Best Action: 3	state((4, 1, 1)) V = -0.624999999488 Best Action: 3	state((3, 1, 1)) V = -0.62499999997952 Best Action: 3
state((1, 5, 1)) V = -0.62499968 Best Action: 3	state((1, 1, 1)) V = -0.6249999872 Best Action: 3	state((5, 1, 2)) V = -0.6249999872 Best Action: 3	state((4, 1, 2)) V = -0.624999999488 Best Action: 3	state((3, 1, 2)) V = -0.62499999997952 Best Action: 3
state((1, 5, 2)) V = -0.62499968 Best Action: 3	state((1, 1, 2)) V = -0.6249999872 Best Action: 3	state((5, 1, 3)) V = -0.62499999744 Best Action: 3	state((4, 1, 3)) V = -0.6249999998976 Best Action: 3	state((3, 1, 3)) V = -0.624999999999999999999999999999999999999
state((1, 5, 3)) V = -0.624999936 Best Action: 3	state((1, 1, 3)) V = -0.62499999744 Best Action: 3	state((5, 1, 4)) V = -0.62499999744 Best Action: 3	state((4, 1, 4)) V = -0.6249999998976 Best Action: 3	state((3, 1, 4)) V = -0.624999999995904 Best Action: 3
state((1, 5, 4)) V = -0.624999936 Best Action: 3	:: ' ' ::		state((4, 2, 1)) V = -0.624999999488 Best Action: 3	state((3, 3, 1)) V = -0.62499999997952 Best Action: 3
state((2, 1, 1)) V = -0.62499968 Best Action: 3	state((1, 2, 1)) V = -0.6249999872 Best Action: 3	state((5, 2, 2)) V = -0.6249999872 Best Action: 3	state((4, 2, 2)) V = -0.624999999488 Best Action: 3	state((3, 3, 2)) V = -0.62499999997952 Best Action: 3
state((2, 1, 2)) V = -0.62499968 Best Action: 3	state((1, 2, 2)) V = -0.6249999872 Best Action: 3	state((5, 2, 3)) V = -0.62499999744 Best Action: 3	state((4, 2, 3)) V = -0.6249999998976 Best Action: 3	state((3, 3, 3)) V = -0.624999999999999999999999999999999999999
state((2, 1, 3)) V = -0.624999936 Best Action: 3	state((1, 2, 3)) V = -0.62499999744 Best Action: 3	state((5, 2, 4)) V = -0.62499999744 Best Action: 3	state((4, 2, 4)) V = -0.6249999998976 Best Action: 3	state((3, 3, 4)) V = -0.624999999999999999999999999999999999999
state((2, 1, 4)) V = -0.624999936 Best Action: 3	state((1, 2, 4)) V = -0.62499999744 Best Action: 3	state((5, 3, 1)) V = -0.6249999872 Best Action: 3	state((4, 3, 1)) V = -0.624999999488 Best Action: 3	state((3, 4, 1)) V = -0.62499999997952 Best Action: 3
state((2, 4, 1)) V = -0.62499968 Best Action: 3	state((1, 3, 1)) V = -0.6249999872 Best Action: 3	state((5, 3, 2)) V = -0.6249999872 Best Action: 3	state((4, 3, 2)) V = -0.624999999488 Best Action: 3	state((3, 4, 2)) V = -0.62499999997952 Best Action: 3
state((2, 4, 2)) V = -0.62499968 Best Action: 3	state((1, 3, 2)) V = -0.6249999872 Best Action: 3	state((5, 3, 3)) V = -0.62499999744 Best Action: 3	state((4, 3, 3)) V = -0.6249999998976 Best Action: 3	state((3, 4, 3)) V = -0.624999999999999999999999999999999999999
state((2, 4, 3)) V = -0.624999936 Best Action: 3	state((1, 3, 3)) V = -0.62499999744 Best Action: 3	state((5, 3, 4)) V = -0.62499999744 Best Action: 3	state((4, 3, 4)) V = -0.6249999998976 Best Action: 3	state((3, 4, 4)) V = -0.624999999999999999999999999999999999999
state((2, 4, 4)) V = -0.624999936 Best Action: 3	state((1, 3, 4)) V = -0.62499999744 Best Action: 3	state((5, 4, 1)) V = 18.5 Best Action: 1	state((4, 5, 1)) V = 3.2 Best Action: 4	state((3, 5, 1)) V = 3.1 Best Action: 4
state((2, 5, 1)) V = -0.62499968 Best Action: 3	state((1, 4, 1)) V = -0.6249999872 Best Action: 3	state((5, 4, 2)) V = 0.1400000000000012 Best Action: 3	state((4, 5, 2)) V = 3.2 Best Action: 3	state((3, 5, 2)) V = 3.1 Best Action: 3
state((2, 5, 2)) V = -0.62499968 Best Action: 3	state((1, 4, 2)) V = -0.6249999872 Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4	state((4, 5, 3)) V = 0.14000000000000012 Best Action: 3	state((3, 5, 3)) V = 0.120000000000001 Best Action: 3
state((2, 5, 3)) V = -0.624999936 Best Action: 3	state((1, 4, 3)) V = -0.62499999744 Best Action: 3	state((5, 4, 4)) V = 3.2 Best Action: 3	state((4, 5, 4)) V = 18.5 Best Action: 1	state((3, 5, 4)) V = 18.0 Best Action: 2
state((2, 5, 4)) V = -0.624999936 Best Action: 3	state((1, 4, 4)) V = -0.62499999744 Best Action: 3	iter 7:	state((5, 1, 1)) V = -0.624999999488 Best Action: 3	state((4, 1, 1)) V = -0.62499999997952 Best Action: 3
			****	** * * *
state((3, 1, 1)) V = -0.62499968 Best Action: 3	state((1, 5, 1)) V = -0.6249999872 Best Action: 3	state((1, 1, 1)) V = -0.624999999488 Best Action: 3	state((5, 1, 2)) V = -0.624999999488 Best Action: 3	state((4, 1, 2)) V = -0.62499999997952 Best Action: 3
state((3, 1, 2)) V = -0.62499968 Best Action: 3	state((1, 5, 2)) V = -0.6249999872 Best Action: 3	state((1, 1, 2)) V = -0.624999999488 Best Action: 3	state((5, 1, 3)) V = -0.6249999998976 Best Action: 3	state((4, 1, 3)) V = -0.624999999999999999999999999999999999999
state((3, 1, 3)) V = -0.624999936 Best Action: 3	state((1, 5, 3)) V = -0.62499999744 Best Action: 3	state((1, 1, 3)) V = -0.6249999998976 Best Action: 3	state((5, 1, 4)) V = -0.6249999998976 Best Action: 3	state((4, 1, 4)) V = -0.624999999999999999999999999999999999999
state((3, 1, 4)) V = -0.624999936 Best Action: 3	state((1, 5, 4)) V = -0.62499999744 Best Action: 3	state((1, 1, 4)) V = -0.6249999998976 Best Action: 3	state((5, 2, 1)) V = -0.624999999488 Best Action: 3	state((4, 2, 1)) V = -0.62499999997952 Best Action: 3
state((3, 3, 1)) V = -0.62499968 Best Action: 3	state((2, 1, 1)) V = -0.6249999872 Best Action: 3	state((1, 2, 1)) V = -0.624999999488 Best Action: 3	state((5, 2, 2)) V = -0.624999999488 Best Action: 3	state((4, 2, 2)) V = -0.62499999997952 Best Action: 3
state((3, 3, 2)) V = -0.62499968 Best Action: 3	state((2, 1, 2)) V = -0.6249999872 Best Action: 3	state((1, 2, 2)) V = -0.624999999488 Best Action: 3	state((5, 2, 3)) V = -0.6249999998976 Best Action: 3	state((4, 2, 3)) V = -0.624999999999999999999999999999999999999
state((3, 3, 3)) V = -0.624999936 Best Action: 3	state((2, 1, 3)) V = -0.62499999744 Best Action: 3	state((1, 2, 3)) V = -0.6249999998976 Best Action: 3	state((5, 2, 4)) V = -0.6249999998976 Best Action: 3	state((4, 2, 4)) V = -0.624999999999999999999999999999999999999
state((3, 3, 4)) V = -0.624999936 Best Action: 3	state((2, 1, 4)) V = -0.62499999744 Best Action: 3	state((1, 2, 4)) V = -0.6249999998976 Best Action: 3	state((5, 3, 1)) V = -0.624999999488 Best Action: 3	state((4, 3, 1)) V = -0.62499999997952 Best Action: 3
state((3, 4, 1)) V = -0.62499968 Best Action: 3	state((2, 4, 1)) V = -0.6249999872 Best Action: 3	state((1, 3, 1)) V = -0.624999999488 Best Action: 3	state((5, 3, 2)) V = -0.624999999488 Best Action: 3	state((4, 3, 2)) V = -0.62499999997952 Best Action: 3
state((3, 4, 2)) V = -0.62499968 Best Action: 3	state((2, 4, 2)) V = -0.6249999872 Best Action: 3	state((1, 3, 2)) V = -0.624999999488 Best Action: 3	state((5, 3, 3)) V = -0.6249999998976 Best Action: 3	state((4, 3, 3)) V = -0.624999999999999999999999999999999999999
state((3, 4, 3)) V = -0.624999936 Best Action: 3	state((2, 4, 3)) V = -0.62499999744 Best Action: 3	state((1, 3, 3)) V = -0.6249999998976 Best Action: 3	state((5, 3, 4)) V = -0.6249999998976 Best Action: 3	state((4, 3, 4)) V = -0.624999999999999999999999999999999999999
state((3, 4, 4)) V = -0.624999936 Best Action: 3	state((2, 4, 4)) V = -0.62499999744 Best Action: 3	state((1, 3, 4)) V = -0.6249999998976 Best Action: 3	state((5, 4, 1)) V = 18.5 Best Action: 1	state((4, 5, 1)) V = 3.2 Best Action: 4
state((3, 5, 1)) V = 3.1 Best Action: 4	state((2, 5, 1)) V = -0.6249999872 Best Action: 3	state((1, 4, 1)) V = -0.624999999488 Best Action: 3	state((5, 4, 2)) V = 0.1400000000000012 Best Action: 3	state((4, 5, 2)) V = 3.2 Best Action: 3
state((3, 5, 2)) V = 3.1 Best Action: 3	state((2, 5, 2)) V = -0.6249999872 Best Action: 3	state((1, 4, 2)) V = -0.624999999488 Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4	state((4, 5, 3)) V = 0.140000000000012 Best Action: 3
state((3, 5, 3)) V = 0.120000000000001 Best Action: 3	state((2, 5, 3)) V = -0.62499999744 Best Action: 3	state((1, 4, 3)) V = -0.6249999998976 Best Action: 3	state((5, 4, 4)) V = 3.2 Best Action: 3	state((4, 5, 4)) V = 18.5 Best Action: 1
state((3, 5, 4)) V = 18.0 Best Action: 2	state((2, 5, 4)) V = -0.62499999744 Best Action: 3	state((1, 4, 4)) V = -0.6249999998976 Best Action: 3	iter 8:	state((5, 1, 1)) V = -0.62499999997952 Best Action: 3
state((4, 1, 1)) V = -0.62499968 Best Action: 3	state((3, 1, 1)) V = -0.6249999872 Best Action: 3	state((1, 5, 1)) V = -0.624999999488 Best Action: 3	state((1, 1, 1)) V = -0.62499999997952 Best Action: 3	state((5, 1, 2)) V = -0.62499999997952 Best Action: 3
state((4, 1, 2)) V = -0.62499968 Best Action: 3	state((3, 1, 2)) V = -0.6249999872 Best Action: 3	state((1, 5, 2)) V = -0.624999999488 Best Action: 3	state((1, 1, 2)) V = -0.62499999997952 Best Action: 3	state((5, 1, 3)) V = -0.624999999999999999999999999999999999999
state((4, 1, 3)) V = -0.624999936 Best Action: 3	state((3, 1, 3)) V = -0.62499999744 Best Action: 3	state((1, 5, 3)) V = -0.6249999998976 Best Action: 3	state((1, 1, 3)) V = -0.624999999999999999999999999999999999999	state((5, 1, 4)) V = -0.624999999999999999999999999999999999999
state((4, 1, 4)) V = -0.624999936 Best Action: 3	state((3, 1, 4)) V = -0.62499999744 Best Action: 3	state((1, 5, 4)) V = -0.6249999998976 Best Action: 3	state((1, 1, 4)) V = -0.624999999999999999999999999999999999999	state((5, 2, 1)) V = -0.62499999997952 Best Action: 3
state((4, 2, 1)) V = -0.62499968 Best Action: 3	state((3, 3, 1)) V = -0.6249999872 Best Action: 3	state((2, 1, 1)) V = -0.624999999488 Best Action: 3	state((1, 2, 1)) V = -0.62499999997952 Best Action: 3	state((5, 2, 2)) V = -0.62499999997952 Best Action: 3
state((4, 2, 2)) V = -0.62499968 Best Action: 3	state((3, 3, 2)) V = -0.6249999872 Best Action: 3	state((2, 1, 2)) V = -0.624999999488 Best Action: 3	state((1, 2, 2)) V = -0.62499999997952 Best Action: 3	state((5, 2, 3)) V = -0.624999999999999999999999999999999999999
state((4, 2, 3)) V = -0.624999936 Best Action: 3	state((3, 3, 3)) V = -0.62499999744 Best Action: 3	state((2, 1, 3)) V = -0.6249999998976 Best Action: 3	state((1, 2, 3)) V = -0.624999999999999999999999999999999999999	state((5, 2, 4)) V = -0.624999999999999999999999999999999999999
state((4, 2, 4)) V = -0.624999936 Best Action: 3	state((3, 3, 4)) V = -0.62499999744 Best Action: 3	state((2, 1, 4)) V = -0.6249999998976 Best Action: 3	state((1, 2, 4)) V = -0.624999999995904 Best Action: 3	state((5, 3, 1)) V = -0.62499999997952 Best Action: 3
state((4, 3, 1)) V = -0.62499968 Best Action: 3	state((3, 4, 1)) V = -0.6249999872 Best Action: 3	state((2, 4, 1)) V = -0.624999999488 Best Action: 3	state((1, 3, 1)) V = -0.62499999997952 Best Action: 3	state((5, 3, 2)) V = -0.62499999997952 Best Action: 3
state((4, 3, 1)) V = -0.62499968 Best Action: 3	state((3, 4, 2)) V = -0.6249999872 Best Action: 3	state((2, 4, 2)) V = -0.624999999488 Best Action: 3	state((1, 3, 2)) V = -0.62499999997952 Best Action: 3	state((5, 3, 3)) V = -0.624999999999999999999999999999999999999
state((4, 3, 3)) V = -0.624999936 Best Action: 3	state((3, 4, 3)) V = -0.62499999744 Best Action: 3	state((2, 4, 3)) V = -0.6249999998976 Best Action: 3	state((1, 3, 3)) V = -0.624999999999999999999999999999999999999	state((5, 3, 4)) V = -0.624999999999999999999999999999999999999
state((4, 3, 4)) V = -0.624999936 Best Action: 3	state((3, 4, 4)) V = -0.62499999744 Best Action: 3	state((2, 4, 4)) V = -0.6249999998976 Best Action: 3	state((1, 3, 4)) V = -0.624999999999999999999999999999999999999	state((5, 4, 1)) V = 18.5 Best Action: 1
state((4, 5, 1)) V = 3.2 Best Action: 4	state((3, 5, 1)) V = 3.1 Best Action: 4	state((2, 5, 1)) V = -0.624999999488 Best Action: 3	state((1, 4, 1)) V = -0.62499999997952 Best Action: 3	state((5, 4, 2)) V = 0.1400000000000012 Best Action: 3
state((4, 5, 2)) V = 3.2 Best Action: 3	state((3, 5, 2)) V = 3.1 Best Action: 3	state((2, 5, 2)) V = -0.624999999488 Best Action: 3	state((1, 4, 2)) V = -0.62499999997952 Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4
state((4, 5, 3)) V = 0.1400000000000012 Best Action: 3	state((3, 5, 3)) V = 0.120000000000001 Best Action: 3	state((2, 5, 3)) V = -0.6249999998976 Best Action: 3	state((1, 4, 3)) V = -0.624999999999999999999999999999999999999	state((5, 4, 4)) V = 3.2 Best Action: 3
state((4, 5, 4)) V = 18.5 Best Action: 1	state((3, 5, 4)) V = 18.0 Best Action: 2	state((2, 5, 4)) V = -0.6249999998976 Best Action: 3	state((1, 4, 4)) V = -0.624999999999999999999999999999999999999	<mark>iter 9:</mark>
state((5, 1, 1)) V = -0.62499968 Best Action: 3	state((4, 1, 1)) V = -0.6249999872 Best Action: 3	state((3, 1, 1)) V = -0.624999999488 Best Action: 3	state((1, 5, 1)) V = -0.62499999997952 Best Action: 3	state((1, 1, 1)) V = -0.624999999999999999999999999999999999999

ANSWER E-

state((1, 1, 2)) V = -0.6249999999991809	Best Action: 3	state((5, 1, 3)) V = -0.6249999999998361	Best Action: 3
state((1, 1, 3)) V = -0.6249999999998361	Best Action: 3	state((5, 1, 4)) V = -0.6249999999998361	Best Action: 3
state((1, 1, 4)) V = -0.6249999999998361	Best Action: 3	state((5, 2, 1)) V = -0.6249999999991809	Best Action: 3
state((1, 2, 1)) V = -0.6249999999991809	Best Action: 3	state((5, 2, 2)) V = -0.6249999999991809	Best Action: 3
state((1, 2, 2)) V = -0.6249999999991809	Best Action: 3	state((5, 2, 3)) V = -0.6249999999998361	Best Action: 3
state((1, 2, 3)) V = -0.6249999999998361	Best Action: 3	state((5, 2, 4)) V = -0.6249999999998361	Best Action: 3
state((1, 2, 4)) V = -0.6249999999998361	Best Action: 3	state((5, 3, 1)) V = -0.6249999999991809	Best Action: 3
state((1, 3, 1)) V = -0.6249999999991809	Best Action: 3	state((5, 3, 2)) V = -0.6249999999991809	Best Action: 3
state((1, 3, 2)) V = -0.6249999999991809	Best Action: 3	state((5, 3, 3)) V = -0.624999999998361	Best Action: 3
state((1, 3, 3)) V = -0.624999999998361	Best Action: 3	state((5, 3, 4)) V = -0.624999999998361	Best Action: 3
state((1, 3, 4)) V = -0.624999999998361	Best Action: 3	state((5, 4, 1)) V = 18.5 Best Action: 1	
state((1, 4, 1)) V = -0.624999999991809	Best Action: 3	state((5, 4, 2)) V = 0.1400000000000012	Best Action: 3
state((1, 4, 2)) V = -0.624999999991809	Best Action: 3	state((5, 4, 3)) V = 3.2 Best Action: 4	
state((1, 4, 3)) V = -0.6249999999998361	Best Action: 3	state((5, 4, 4)) V = 3.2 Best Action: 3	
state((1, 4, 4)) V = -0.624999999998361	Best Action: 3	iter 10:	
state((1, 5, 1)) V = -0.624999999991809	Best Action: 3	state((1, 1, 1)) V = -0.6249999999999972	Best Action: 3
state((1, 5, 2)) V = -0.624999999991809	Best Action: 3	state((1, 1, 2)) V = -0.624999999999972	Best Action: 3
state((1, 5, 3)) V = -0.6249999999998361	Best Action: 3	state((1, 1, 3)) V = -0.624999999999934	Best Action: 3
state((1, 5, 4)) V = -0.624999999998361	Best Action: 3	state((1, 1, 4)) V = -0.624999999999934	Best Action: 3
state((2, 1, 1)) V = -0.624999999991809	Best Action: 3	state((1, 2, 1)) V = -0.624999999999972	Best Action: 3
state((2, 1, 2)) V = -0.6249999999991809	Best Action: 3	state((1, 2, 1)) V = -0.624999999999972	Best Action: 3
state((2, 1, 3)) V = -0.6249999999998361	Best Action: 3	state((1, 2, 3)) V = -0.6249999999999934	Best Action: 3
state((2, 1, 4)) V = -0.6249999999998361	Best Action: 3	state((1, 2, 4)) V = -0.62499999999999999999	Best Action: 3
state((2, 4, 1)) V = -0.6249999999991809	Best Action: 3	state((1, 2, 4)) V = -0.624999999999999999999999999999999999999	Best Action: 3
	Best Action: 3	state((1, 3, 1)) V = -0.624999999999972 state((1, 3, 2)) V = -0.624999999999972	Best Action: 3
state((2, 4, 2)) V = -0.6249999999991809 state((2, 4, 3)) V = -0.6249999999998361	Best Action: 3	state((1, 3, 2)) V = -0.624999999999999999999999999999999999999	Best Action: 3
			Best Action: 3
state((2, 4, 4)) V = -0.6249999999998361	Best Action: 3	state((1, 3, 4)) V = -0.624999999999999999999999999999999999999	
state((2, 5, 1)) V = -0.6249999999991809	Best Action: 3	state((1, 4, 1)) V = -0.6249999999999972	Best Action: 3
state((2, 5, 2)) V = -0.6249999999991809	Best Action: 3	state((1, 4, 2)) V = -0.6249999999999972	Best Action: 3
state((2, 5, 3)) V = -0.6249999999998361	Best Action: 3	state((1, 4, 3)) V = -0.624999999999999999999999999999999999999	Best Action: 3
state((2, 5, 4)) V = -0.6249999999998361	Best Action: 3	state((1, 4, 4)) V = -0.6249999999999934	Best Action: 3
state((3, 1, 1)) V = -0.624999999991809	Best Action: 3	state((1, 5, 1)) V = -0.624999999999972	Best Action: 3
state((3, 1, 2)) V = -0.624999999991809	Best Action: 3	state((1, 5, 2)) V = -0.624999999999972	Best Action: 3
state((3, 1, 3)) V = -0.624999999998361	Best Action: 3	state((1, 5, 3)) V = -0.6249999999999934	Best Action: 3
state((3, 1, 4)) V = -0.624999999998361	Best Action: 3	state((1, 5, 4)) V = -0.624999999999934	Best Action: 3
state((3, 3, 1)) V = -0.624999999991809	Best Action: 3	state((2, 1, 1)) V = -0.624999999999972	Best Action: 3
state((3, 3, 2)) V = -0.624999999991809	Best Action: 3	state((2, 1, 2)) V = -0.6249999999999672	Best Action: 3
state((3, 3, 3)) V = -0.624999999998361	Best Action: 3	state((2, 1, 3)) V = -0.6249999999999934	Best Action: 3
state((3, 3, 4)) V = -0.6249999999998361	Best Action: 3	state((2, 1, 4)) V = -0.6249999999999934	Best Action: 3
state((3, 4, 1)) V = -0.6249999999991809	Best Action: 3	state((2, 4, 1)) V = -0.6249999999999672	Best Action: 3
state((3, 4, 2)) V = -0.6249999999991809	Best Action: 3	state((2, 4, 2)) V = -0.6249999999999672	Best Action: 3
state((3, 4, 3)) V = -0.6249999999998361	Best Action: 3	state((2, 4, 3)) V = -0.6249999999999934	Best Action: 3
state((3, 4, 4)) V = -0.6249999999998361	Best Action: 3	state((2, 4, 4)) V = -0.6249999999999934	Best Action: 3
state((3, 5, 1)) V = 3.1 Best Action: 4		state((2, 5, 1)) V = -0.6249999999999672	Best Action: 3
state((3, 5, 2)) V = 3.1 Best Action: 3		state((2, 5, 2)) V = -0.6249999999999672	Best Action: 3
state((3, 5, 3)) V = 0.1200000000000001	Best Action: 3	state((2, 5, 3)) V = -0.6249999999999934	Best Action: 3
state((3, 5, 4)) V = 18.0 Best Action: 2		state((2, 5, 4)) V = -0.6249999999999934	Best Action: 3
state((4, 1, 1)) V = -0.6249999999991809	Best Action: 3	state((3, 1, 1)) V = -0.6249999999999672	Best Action: 3
state((4, 1, 2)) V = -0.6249999999991809	Best Action: 3	state((3, 1, 2)) V = -0.6249999999999672	Best Action: 3
state((4, 1, 3)) V = -0.6249999999998361	Best Action: 3	state((3, 1, 3)) V = -0.6249999999999934	Best Action: 3
state((4, 1, 4)) V = -0.6249999999998361	Best Action: 3	state((3, 1, 4)) V = -0.6249999999999934	Best Action: 3
state((4, 2, 1)) V = -0.6249999999991809	Best Action: 3	state((3, 3, 1)) V = -0.6249999999999672	Best Action: 3
state((4, 2, 2)) V = -0.624999999991809	Best Action: 3	state((3, 3, 2)) V = -0.6249999999999672	Best Action: 3
state((4, 2, 3)) V = -0.6249999999998361	Best Action: 3	state((3, 3, 3)) V = -0.6249999999999934	Best Action: 3
state((4, 2, 4)) V = -0.6249999999998361	Best Action: 3	state((3, 3, 4)) V = -0.6249999999999934	Best Action: 3
state((4, 3, 1)) V = -0.6249999999991809	Best Action: 3	state((3, 4, 1)) V = -0.6249999999999672	Best Action: 3
state((4, 3, 2)) V = -0.6249999999991809	Best Action: 3	state((3, 4, 2)) V = -0.6249999999999672	Best Action: 3
state((4, 3, 3)) V = -0.624999999998361	Best Action: 3	state((3, 4, 3)) V = -0.6249999999999934	Best Action: 3
state((4, 3, 4)) V = -0.6249999999998361	Best Action: 3	state((3, 4, 4)) V = -0.624999999999934	Best Action: 3
state((4, 5, 1)) V = 3.2 Best Action: 4		state((3, 5, 1)) V = 3.1 Best Action: 4	
state((4, 5, 2)) V = 3.2 Best Action: 3		state((3, 5, 2)) V = 3.1 Best Action: 3	
state((4, 5, 3)) V = 0.140000000000000012	Best Action: 3	state((3, 5, 3)) V = 0.1200000000000000000000000000000000000	Best Action: 3
state((4, 5, 4)) V = 18.5 Best Action: 1		state((3, 5, 4)) V = 18.0 Best Action: 2	
state((5, 1, 1)) V = -0.6249999999991809	Best Action: 3	state((4, 1, 1)) V = -0.624999999999972	Best Action: 3
state((5, 1, 2)) V = -0.6249999999991809	Best Action: 3	state((4, 1, 2)) V = -0.624999999999972	Best Action: 3

state((4, 1, 3)) V = -0.62499999999999 Best Action: 3 state((4, 3, 3)) V = -0.62499999999999 Best Action: 3 state((4, 5, 1)) V = 3.2 Best Action: 4 state((4, 5, 2)) V = 3.2 Best Action: 3 state((4, 5, 3)) V = 0.1400000000000000 Best Action: 3 state((4, 5, 4)) V = 18.5 Best Action: 1 state((5, 1, 2)) V = -0.62499999999999 Best Action: 3 state((5, 1, 3)) V = -0.62499999999999 Best Action: 3 state((5, 2, 3)) V = -0.62499999999999 Best Action: 3 state((5, 3, 3)) V = -0.62499999999999 Best Action: 3 state((5, 3, 4)) V = -0.62499999999999 Best Action: 3 state((5, 4, 1)) V = 18.5 Best Action: 1 state((5, 4, 3)) V = 3.2 Best Action: 4

Result – Optimal policy for all states converge at action 'A3', therefore resulting in infinite loop

state((5, 4, 4)) V = 3.2 Best Action: 3

state((4, 5, 4)) V = 70.9352 Best Action: 1

state((4, 1, 1)) V = -8.881595005866664 Best Action: 4 state((3, 1, 1)) V = -2.6308954853649067 state((1, 5, 1)) V = -3.316681500057933 Best Action: 3 Best Action: 3 Best Action: 4 state((5, 1, 2)) V = -0.7466666666666667 Best Action: 3 state((4, 1, 2)) V = -1.8033864065706668 Best Action: 3 state((3, 1, 2)) V = -2.6308954853649067 Best Action: 3 Best Action: 3 state((5, 1, 3)) V = -1.3471953258666667 Best Action: 3 state((4, 1, 3)) V = -2.6750276870826672 Best Action: 3 state((3, 1, 3)) V = -2.988612307146974 Best Action: 3 state((1, 1, 2)) V = -0.74666666666666667 state((1, 1, 3)) V = -1.329066666666668 Best Action: 3 state((5, 1, 4)) V = -1.329066666666668 Best Action: 3 state((4, 1, 4)) V = -2.634673417517227 Best Action: 4 state((3, 1, 4)) V = -2.91980611146682 Best Action: 3 state((1, 1, 4)) V = -1.186666666666667 Best Action: 3 state((5, 2, 1)) V = -0.7066666666666667 Best Action: 3 state((4, 2, 1)) V = -68.06273066666664 Best Action: 3 state((3, 3, 1)) V = 33.41957829457013 Best Action: 2 Best Action: 3 state((5, 2, 2)) V = -0.7490666666666667 Best Action: 3 state((4, 2, 2)) V = -3.3658575062451197 Best Action: 1 state((3, 3, 2)) V = -2.6318181761706665 Best Action: 4 state((5, 2, 3)) V = -1.5666743466666664 state((1, 2, 2)) V = -0.7490666666666667 Best Action: 3 Best Action: 4 state((4, 2, 3)) V = -7.772106578630516 Best Action: 3 state((3, 3, 3)) V = 26.002498400304447 Best Action: 4 state((5, 2, 4)) V = -1.3317546666666666 state((3, 3, 4)) V = 22.70366855668252 state((1, 2, 3)) V = -1.331754666666666 Best Action: 4 Best Action: 3 state((4, 2, 4)) V = -6.925509318542384 Best Action: 1 Best Action: 3 state((1, 2, 4)) V = -1.3317546666666666 Best Action: 3 state((5, 3, 1)) V = -0.7466666666666667 Best Action: 3 state((4, 3, 1)) V = -68.53626337706665 Best Action: 4 state((3, 4, 1)) V = 31.795904398780376 Best Action: 1 Best Action: 3 state((5, 3, 2)) V = -0.7490666666666667 Best Action: 3 state((4, 3, 2)) V = -3.7404595329117867 Best Action: 2 state((3, 4, 2)) V = -8.056859481729074 Best Action: 1 state((1, 3, 2)) V = -0.7490666666666667 Best Action: 3 state((5, 3, 3)) V = -1.557842346666664 Best Action: 4 state((4, 3, 3)) V = -7.683144267317188 Best Action: 1 state((3, 4, 3)) V = 19.75202439432462 Best Action: 4 state((1, 3, 3)) V = -1.334603946666666 Best Action: 4 state((5, 3, 4)) V = -1.334603946666666 Best Action: 3 state((4, 3, 4)) V = -6.9793518705171875 Best Action: 1 state((3, 4, 4)) V = -42.395773478592666 Best Action: 3 state((1, 3, 4)) V = -1.334603946666666 Best Action: 3 state((5, 4, 1)) V = 74.836 Best Action: 1 state((4, 5, 1)) V = 52.88155275912533 Best Action: 4 state((3, 5, 1)) V = 67.18303094176058 Best Action: 4 state((1, 4, 1)) V = -0.7066666666666666 Best Action: 3 state((5, 4, 2)) V = -0.7466666666666667 Best Action: 3 state((4, 5, 2)) V = -13.760701852970655 Best Action: 3 state((3, 5, 2)) V = 58.71972073704706 Best Action: 3 state((1, 4, 2)) V = -0.754010666666666 Best Action: 3 state((5, 4, 3)) V = -10.4671466666665 Best Action: 4 state((4, 5, 3)) V = 36.62442624978109 Best Action: 4 state((3, 5, 3)) V = 56.41032693503395 Best Action: 4 state((1, 4, 3)) V = -1.3349361834666666 state((5, 4, 4)) V = 56.140373333333336 state((4, 5, 4)) V = 77.03124377764351 state((3, 5, 4)) V = 82.26256928368771 Best Action: 2 Best Action: 4 Best Action: 3 Best Action: 1 state((1, 4, 4)) V = -1.1919073066666668 state((5, 1, 1)) V = -1.681898386218667 state((4, 1, 1)) V = -10.834332793586343 Best Action: 4 Best Action: 3 iter 2: Best Action: 4 state((1, 5, 1)) V = -0.7466666666666667 Best Action: 3 state((1, 1, 1)) V = -1.672266666666667 Best Action: 3 state((5, 1, 2)) V = -1.803726192564907 Best Action: 3 state((4, 1, 2)) V = -3.009149461253189 Best Action: 3 state((1, 5, 2)) V = -0.7568513066666666 Best Action: 3 state((1, 1, 2)) V = -1.7929386666666671 Best Action: 3 state((5, 1, 3)) V = -2.2731672905821867 Best Action: 3 state((4, 1, 3)) V = -3.7364870919523425 Best Action: 3 state((1, 5, 3)) V = -1.3351270744746668 Best Action: 4 state((1, 1, 3)) V = -2.2246468266666666 Best Action: 3 state((5, 1, 4)) V = -2.233061096867294 Best Action: 3 state((4, 1, 4)) V = -3.72783909076388 Best Action: 4 Best Action: 4 state((1, 5, 4)) V = -1.2636024097706668 Best Action: 3 state((1, 1, 4)) V = -2.113434666666666 Best Action: 3 state((5, 2, 1)) V = -1.7529628074666666 Best Action: 4 state((4, 2, 1)) V = -70.09980747917706 state((2, 1, 1)) V = -0.7466666666666666 Best Action: 3 state((1, 2, 1)) V = -1.6741386666666667 Best Action: 3 state((5, 2, 2)) V = -1.8176755448301738 Best Action: 3 state((4, 2, 2)) V = -4.589686859025441 Best Action: 1 state((2, 1, 2)) V = -0.7466666666666667 Best Action: 3 state((1, 2, 2)) V = -1.7986871466666665 Best Action: 3 state((5, 2, 3)) V = -2.5886837908189957 Best Action: 4 state((4, 2, 3)) V = -9.19120245192464 Best Action: 3 state((2, 1, 3)) V = -1.333338666666667 Best Action: 3 state((1, 2, 3)) V = -2.2305326250666666 Best Action: 4 state((5, 2, 4)) V = -2.2457159102079003 Best Action: 3 state((4, 2, 4)) V = -7.880392680457113 Best Action: 1 state((2, 1, 4)) V = -1.186666666666667 state((1, 2, 4)) V = -2.2305326250666666 state((5, 3, 1)) V = -1.8218685139626665 state((4, 3, 1)) V = -70.26496447210206 Best Action: 3 Best Action: 3 Best Action: 4 Best Action: 4 state((2, 4, 1)) V = -0.7066666666666666 state((1, 3, 1)) V = -1.6761229866666665 state((5, 3, 2)) V = -1.8242980856301736 state((4, 3, 2)) V = -4.9637803384006 Best Action: 2 Best Action: 3 Best Action: 3 Best Action: 3 state((2, 4, 2)) V = -0.7466666666666667 Best Action: 3 state((1, 3, 2)) V = -1.800671466666666 Best Action: 3 state((5, 3, 3)) V = -2.577155255722959 Best Action: 4 state((4, 3, 3)) V = 11.258209844638511 Best Action: 1 state((2, 4, 3)) V = -1.3336719713706668 Best Action: 3 state((1, 3, 3)) V = -2.236456559274666 Best Action: 4 state((5, 3, 4)) V = -2.255764021674134 Best Action: 3 state((4, 3, 4)) V = -7.91999393624461 Best Action: 1 state((1, 3, 4)) V = -2.236456559274666 Best Action: 3 state((2, 4, 4)) V = -61.186666666666 Best Action: 3 state((5, 4, 1)) V = 77.65010240000001 Best Action: 1 state((4, 5, 1)) V = 63.892045904221796 Best Action: 4 state((2, 5, 1)) V = -0.7466666666666667 Best Action: 3 state((1, 4, 1)) V = -1.736935627818667 Best Action: 3 state((5, 4, 2)) V = 39.00122453333334 Best Action: 3 state((4, 5, 2)) V = -3.8323476829546905 Best Action: 3 state((2, 5, 2)) V = -0.7490666666666667 Best Action: 3 state((1, 4, 2)) V = -1.808607133866667 Best Action: 3 state((5, 4, 3)) V = -3.174052202666651 Best Action: 4 state((4, 5, 3)) V = 49.98235237494757 Best Action: 4 state((2, 5, 3)) V = -1.3362268112529065 state((1, 4, 3)) V = -2.2371806919133874 state((5, 4, 4)) V = 64.60565026133334 state((4, 5, 4)) V = 78.77162429803333 Best Action: 4 Best Action: 4 Best Action: 3 Best Action: 1 state((2, 5, 4)) V = -1.331754666666666 Best Action: 3 state((1, 4, 4)) V = -9.324702238122665 Best Action: 3 state((5, 1, 1)) V = -2.533513111850001 Best Action: 4 state((3, 1, 1)) V = -0.7466666666666667 state((1, 5, 1)) V = -1.7976657847569069 state((1, 1, 1)) V = -2.516161405866667 Best Action: 3 state((5, 1, 2)) V = -2.63397483509979 Best Action: 3 Best Action: 3 Best Action: 3 state((3, 1, 2)) V = -0.7466666666666667 Best Action: 3 state((1, 5, 2)) V = -1.8130440238506669 Best Action: 3 state((1, 1, 2)) V = -2.617043831466667 Best Action: 3 state((5, 1, 3)) V = -3.0451994011103594 Best Action: 3 state((3, 1, 3)) V = -1.3333386666666667 Best Action: 3 state((1, 5, 3)) V = -2.2375885096233645 Best Action: 4 state((1, 1, 3)) V = -2.974941570996906 Best Action: 3 state((5, 1, 4)) V = -2.989238292298136 Best Action: 4 state((1, 5, 4)) V = -2.181387499793016 Best Action: 3 state((1, 1, 4)) V = -2.883249044394667 Best Action: 4 state((5, 2, 1)) V = -2.60892340913407 Best Action: 4 state((2, 1, 1)) V = -1.7977233066666671 state((1, 2, 1)) V = -2.5205939574186664 state((5, 2, 2)) V = -2.6621854557104414 Best Action: 3 Best Action: 3 Best Action: 4 Best Action: 3 state((3, 3, 2)) V = -0.7466666666666667 state((2, 1, 2)) V = -1.7977233066666671 state((1, 2, 2)) V = -2.624870790186667 state((5, 2, 3)) V = -3.406036212975784 Best Action: 3 Best Action: 3 Best Action: 3 Best Action: 4 state((3, 3, 3)) V = -1.329066666666668 Best Action: 3 state((2, 1, 3)) V = -2.231771601066667 Best Action: 3 state((1, 2, 3)) V = -2.98280005143948 Best Action: 4 state((5, 2, 4)) V = -3.014780661055796 Best Action: 3 state((3, 3, 4)) V = -1.186666666666667 Best Action: 3 state((2, 1, 4)) V = -2.116766826666667 Best Action: 3 state((1, 2, 4)) V = -2.98280005143948 Best Action: 3 state((5, 3, 1)) V = -2.6714093522361457 Best Action: 4 state((3, 4, 1)) V = -0.7066666666666666 Best Action: 3 state((2, 4, 1)) V = -5.603182486053544 Best Action: 3 state((1, 3, 1)) V = -2.524954019439787 Best Action: 3 state((5, 3, 2)) V = -2.6719216470039475 Best Action: 3 state((3, 4, 2)) V = -0.7490666666666667 Best Action: 3 state((2, 4, 2)) V = -5.882607909792425 Best Action: 4 state((1, 3, 2)) V = -2.6292089929386666 Best Action: 3 state((5, 3, 3)) V = 15.0835411098067 Best Action: 2 state((1, 3, 3)) V = -2.990065358773349 state((5, 3, 4)) V = -3.0271912713397158 Best Action: 3 state((3, 4, 3)) V = -1.3360719713706668 Best Action: 4 state((2, 4, 3)) V = -3.775320718423347 Best Action: 1 Best Action: 4 state((3, 4, 4)) V = -64.86041066666665 Best Action: 3 state((2, 4, 4)) V = -68.49054117527209 state((1, 3, 4)) V = -2.990065358773349 state((5, 4, 1)) V = 78.89835815168 Best Action: 1 Best Action: 3 Best Action: 3 state((3, 5, 1)) V = -0.746666666666666 Best Action: 3 state((2, 5, 1)) V = -1.7998417641347755 Best Action: 4 state((1, 4, 1)) V = -3.0343200036146345 Best Action: 3 state((5, 4, 2)) V = 50.36186213717334 Best Action: 3 state((2, 5, 2)) V = -2.0354709045050536 state((3, 5, 2)) V = -0.7490666666666667 Best Action: 3 Best Action: 3 state((1, 4, 2)) V = -3.068512474794667 Best Action: 4 state((5, 4, 3)) V = -1.0787576725418475 Best Action: 4 state((3, 5, 3)) V = -1.334603946666666 Best Action: 4 state((2, 5, 3)) V = -2.2520411577210253 Best Action: 4 state((1, 4, 3)) V = -3.368364324477693 state((5, 4, 4)) V = 66.98167694718295 Best Action: 3 Best Action: 4 state((3, 5, 4)) V = 70.1483893333333 Best Action: 2 state((2, 5, 4)) V = -2.249004471167044 Best Action: 3 state((1, 4, 4)) V = -11.20186645298399 Best Action: 3 iter 4: state((1, 5, 1)) V = -2.627559910326414 state((1, 1, 1)) V = -3.217893315011294 Best Action: 3 Best Action: 3 state((3, 1, 1)) V = -1.8027950250666671 Best Action: 4 Best Action: 4 state((4, 1, 2)) V = -0.7466666666666667 Best Action: 3 state((3, 1, 2)) V = -1.8027950250666671 Best Action: 3 state((1, 5, 2)) V = -2.666344085469201 Best Action: 3 state((1, 1, 2)) V = -3.3012074637437614 Best Action: 4 state((4, 1, 3)) V = -1.3421389866666669 Best Action: 3 state((3, 1, 3)) V = -2.235303690666667 Best Action: 3 state((1, 5, 3)) V = -2.9931448288282936 Best Action: 4 state((1, 1, 3)) V = -3.5986550977283223 Best Action: 3 state((4, 1, 4)) V = -1.2578666666666667 Best Action: 3 state((3, 1, 4)) V = -2.120298916266667 Best Action: 3 state((1, 5, 4)) V = -2.9472946738123595 Best Action: 3 state((1, 1, 4)) V = -3.5260876662355134 Best Action: 4 state((3, 3, 1)) V = -1.672266666666667 Best Action: 3 state((2, 1, 1)) V = -2.624040130218667 Best Action: 4 state((1, 2, 1)) V = -3.2500017547041455 Best Action: 3 state((3, 3, 2)) V = -1.7929386666666671 Best Action: 3 state((2, 1, 2)) V = -2.624040130218667 Best Action: 3 state((1, 2, 2)) V = -3.3101942175995323 Best Action: 3 state((4, 2, 3)) V = -5.393322666666645 Best Action: 3 state((3, 3, 3)) V = -2.224646826666666 Best Action: 3 state((2, 1, 3)) V = -2.983459603784414 Best Action: 3 state((1, 2, 3)) V = -3.6287346441868435 Best Action: 4 state((4, 2, 4)) V = -5.104394666666664 state((3, 3, 4)) V = -2.3332909866666665 state((2, 1, 4)) V = -2.9146144986052267 state((1, 2, 4)) V = -3.6287346441868435 Best Action: 4 Best Action: 3 Best Action: 3 Best Action: 3 state((4, 3, 1)) V = -64.3066666666666 Best Action: 3 state((3, 4, 1)) V = -5.662781435216757 Best Action: 3 state((2, 4, 1)) V = -7.358857089111106 Best Action: 1 state((1, 3, 1)) V = -3.255568645043595 Best Action: 3 state((4, 3, 2)) V = -0.7490666666666667 state((3, 4, 2)) V = -5.726881595216757 state((2, 4, 2)) V = -8.199037527167313 Best Action: 3 Best Action: 4 Best Action: 4 state((1, 3, 2)) V = -3.3157187926447627 Best Action: 3 state((4, 3, 3)) V = -5.212226346666645 Best Action: 3 state((3, 4, 3)) V = -4.152498595938679 Best Action: 2 state((2, 4, 3)) V = -4.928022139843325 Best Action: 1 state((1, 3, 3)) V = -3.6364950359195958 Best Action: 4 state((4, 3, 4)) V = -5.136754346666664 Best Action: 4 state((3, 4, 4)) V = -68.97910683573572 state((2, 4, 4)) V = -70.46785182093814 state((1, 3, 4)) V = -3.6364950359195958 Best Action: 3 Best Action: 3 Best Action: 3 state((4, 5, 1)) V = -0.7466666666666667 Best Action: 3 state((3, 5, 1)) V = 55.73131825493334 Best Action: 4 state((2, 5, 1)) V = -2.640420555155864 Best Action: 4 state((1, 4, 1)) V = -4.05946341346014 Best Action: 3 state((4, 5, 2)) V = -64.3066666666666 Best Action: 3 state((3, 5, 2)) V = 49.34177790417014 state((2, 5, 2)) V = -2.9850175730313575 Best Action: 3 state((1, 4, 2)) V = -4.063155284985326 Best Action: 3 Best Action: 4 state((4, 5, 3)) V = -5.149653105066665 Best Action: 4 state((3, 5, 3)) V = 42.62089075844558 Best Action: 4 state((2, 5, 3)) V = -3.021687700633448 Best Action: 4 state((1, 4, 3)) V = -4.289546869400912 Best Action: 4

state((2, 5, 4)) V = -3.0202313810837187 Best Action: 3

state((1, 4, 4)) V = -10.648960546272695 Best Action: 3

state((3, 5, 4)) V = 80.19036062838356 Best Action: 2

state((1, 5, 2)) V = -3.3715824504679723 Best Action: 4 state((1, 5, 3)) V = -3.621227389423843 Best Action: 4 state((1, 5, 4)) V = -3.5842078846266 Best Action: 3 state((2, 1, 1)) V = -3.3307556617576646 Best Action: 4 state((2, 1, 2)) V = -3.3307556617576646 Best Action: 3 state((2, 1, 3)) V = -3.623508863012826 Best Action: 3 state((2, 1, 4)) V = -3.59197856111557 Best Action: 3 state((2, 4, 1)) V = -8.23639963669819 Best Action: 1 state((2, 4, 2)) V = -9.50172282796838 Best Action: 4 state((2, 4, 3)) V = -5.802596061268631 Best Action: 1 state((2, 4, 4)) V = -69.7486961118888 Best Action: 3 state((2, 5, 1)) V = -3.342189479175216 Best Action: 4 state((2, 5, 2)) V = -3.7324338541270907 Best Action: 3 state((2, 5, 3)) V = -3.662202606668337 Best Action: 4 state((2, 5, 4)) V = -3.662152283026832 Best Action: 3 state((3, 1, 1)) V = -3.338452507299336 Best Action: 4 state((3, 1, 2)) V = -3.338452507299336 Best Action: 3 state((3, 1, 3)) V = -3.629421241518193 Best Action: 3 state((3, 1, 4)) V = -3.596475000499796 Best Action: 3 state((3, 3, 1)) V = 49.778672433794966 Best Action: 2 state((3, 3, 2)) V = 19.28180022252512 Best Action: 4 state((3, 3, 3)) V = 40.86461104068278 Best Action: 4 state((3, 3, 4)) V = 35.54313892733384 Best Action: 3 state((3, 4, 1)) V = 46.93218565674969 Best Action: 1 state((3, 4, 2)) V = 12.626819968782813 Best Action: 4 state((3, 4, 3)) V = 32.51424355758695 Best Action: 4 state((3, 4, 4)) V = -28.661630204395472 Best Action: 3 state((3, 5, 1)) V = 70.18800537452007 Best Action: 4 state((3, 5, 2)) V = 63.5327404281154 Best Action: 3 state((3, 5, 3)) V = 60.484554602654484 Best Action: 4 state((3, 5, 4)) V = 82.94365366001433 Best Action: 2 state((4, 1, 1)) V = -11.941510426988959 Best Action: 4 state((4, 1, 2)) V = -3.9915325026778454 Best Action: 3 state((4, 1, 3)) V = -4.603151168255614 Best Action: 3 state((4, 1, 4)) V = -4.617902002396424 Best Action: 4 state((4, 2, 1)) V = -71.04559268925787 Best Action: 4 state((4, 2, 2)) V = -5.5246224719417345 Best Action: 1 state((4, 2, 3)) V = -10.05876020632729 Best Action: 3 state((4, 2, 4)) V = -8.607052682380772 Best Action: 1 state((4, 3, 1)) V = -57.278305300115726 Best Action: 3 state((4, 3, 2)) V = 5.641830758199876 Best Action: 4 state((4, 3, 3)) V = 24.948557954415445 Best Action: 1 state((4, 3, 4)) V = -0.30482197968414815 Best Action: 4 state((4, 5, 1)) V = 66.86248464988839 Best Action: 4 state((4, 5, 2)) V = -1.1820968905630735 Best Action: 3 state((4, 5, 3)) V = 53.828162695260424 Best Action: 4 state((4, 5, 4)) V = 79.25180514655531 Best Action: 1 state((5, 1, 1)) V = -3.242094853775373 Best Action: 4 state((5, 1, 2)) V = -3.3232658125957237 Best Action: 3 state((5, 1, 3)) V = -3.6868550088397325 Best Action: 3 state((5, 1, 4)) V = -3.6177541265797486 Best Action: 4 state((5, 2, 1)) V = -3.3213316859014608 Best Action: 4 state((5, 2, 2)) V = -3.364223839055796 Best Action: 3 state((5, 2, 3)) V = -4.064380302145101 Best Action: 4 state((5, 2, 4)) V = -3.6553617429509475 Best Action: 3 state((5, 3, 1)) V = 11.182682212763755 Best Action: 3 state((5, 3, 2)) V = 9.623939856829905 Best Action: 4 state((5, 3, 3)) V = 28.88377313903149 Best Action: 2 state((5, 3, 4)) V = 7.687568168199871 Best Action: 3 state((5, 4, 1)) V = 79.27545257310618 Best Action: 1 state((5, 4, 2)) V = 53.54724294701604 Best Action: 3 state((5, 4, 3)) V = -0.4558465792171731 Best Action: 4 state((5, 4, 4)) V = 67.68146352297022 Best Action: 3

```
state((1, 1, 1)) V = -3.8043621592084516 Best Action: 3
                                                           state((5, 1, 2)) V = -3.8960727562216078 Best Action: 3
                                                                                                                      state((4, 1, 2)) V = -5.379583538006944 Best Action: 3
                                                                                                                                                                                 state((3, 1, 2)) V = -2.0686510911780744 Best Action: 3
                                                                                                                                                                                                                                            state((1, 5, 2)) V = -5.152338091045856
                                                                                                                                                                                                                                                                                    Best Action: 4
state((1, 1, 2)) V = -3.8700369307316946 Best Action: 4
                                                           state((5, 1, 3)) V = 1.845328361574649 Best Action: 4
                                                                                                                      state((4, 1, 3)) V = -5.747878907908125 Best Action: 3
                                                                                                                                                                                 state((3, 1, 3)) V = -3.062197241172572
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((1, 5, 3)) V = -5.233527068475769
                                                                                                                                                                                                                                                                                    Best Action: 4
state((1, 1, 3)) V = -4.117416173751613 Best Action: 3
                                                           state((5, 1, 4)) V = 2.649744450277043
                                                                                                  Best Action: 3
                                                                                                                      state((4, 1, 4)) V = -1.0750972245036552
                                                                                                                                                                                 state((3, 1, 4)) V = 5.038205909722947
                                                                                                                                                                                                                         Best Action: 2
                                                                                                                                                                                                                                            state((1, 5, 4)) V = -5.219519396478091
                                                                                                                                                               Best Action: 1
                                                                                                                                                                                                                                                                                    Best Action: 3
state((1, 1, 4)) V = -4.06228958296474 Best Action: 4
                                                           state((5, 2, 1)) V = 5.431063638500724
                                                                                                  Best Action: 1
                                                                                                                      state((4, 2, 1)) V = -70.67578133288319
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                 state((3, 3, 1)) V = 58.50625617874828
                                                                                                                                                                                                                         Best Action: 2
                                                                                                                                                                                                                                            state((2, 1, 1)) V = -3.4835396812379402 Best Action: 4
state((1, 2, 1)) V = -3.870522251704674 Best Action: 3
                                                           state((5, 2, 2)) V = -3.9475397836253787
                                                                                                    Best Action: 3
                                                                                                                      state((4, 2, 2)) V = -6.809384373997222
                                                                                                                                                               Best Action: 1
                                                                                                                                                                                 state((3, 3, 2)) V = 42.10446755344829
                                                                                                                                                                                                                         Best Action: 4
                                                                                                                                                                                                                                            state((2, 1, 2)) V = -3.4835396812379402
                                                                                                                                                                                                                                                                                     Best Action: 3
state((1, 2, 2)) V = -3.894936355217257 Best Action: 3
                                                           state((5, 2, 3)) V = 2.1251753970983156
                                                                                                    Best Action: 4
                                                                                                                      state((4, 2, 3)) V = -11.112673350366864
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((3, 3, 3)) V = 49.93923824764765
                                                                                                                                                                                                                         Best Action: 4
                                                                                                                                                                                                                                            state((2, 1, 3)) V = -3.996434926537388
                                                                                                                                                                                                                                                                                     Best Action: 3
state((1, 2, 3)) V = -4.1701655787629175
                                         Best Action: 3
                                                           state((5, 2, 4)) V = 2.9210156129650615
                                                                                                    Best Action: 3
                                                                                                                      state((4, 2, 4)) V = -4.744745849175744 Best Action: 1
                                                                                                                                                                                 state((3, 3, 4)) V = 46.21605651378948
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((2, 1, 4)) V = 2.0936313417946257
                                                                                                                                                                                                                                                                                    Best Action: 1
                                                                                                                                                                                                                                            state((2, 4, 1)) V = -10.041309330965609 Best Action: 1
                                                                                                                      state((4, 3, 1)) V = -40.070484348891334
state((1, 2, 4)) V = -4.1701655787629175
                                         Best Action: 4
                                                           state((5, 3, 1)) V = 23.12516599638467
                                                                                                  Best Action: 3
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((3, 4, 1)) V = 54.33652449944506
                                                                                                                                                                                                                         Best Action: 1
state((1, 3, 1)) V = -3.8751003574089533
                                         Best Action: 3
                                                           state((5, 3, 2)) V = 20.058369870653358
                                                                                                   Best Action: 4
                                                                                                                      state((4, 3, 2)) V = 21.631782743581997
                                                                                                                                                               Best Action: 4
                                                                                                                                                                                 state((3, 4, 2)) V = 31.56718554866535
                                                                                                                                                                                                                         Best Action: 1
                                                                                                                                                                                                                                            state((2, 4, 2)) V = -11.41084021969782 Best Action: 4
state((1, 3, 2)) V = -3.9009328325002697
                                         Best Action: 3
                                                           state((5, 3, 3)) V = 35.69566168056099 Best Action: 2
                                                                                                                      state((4, 3, 3)) V = 34.61510234333389 Best Action: 1
                                                                                                                                                                                 state((3, 4, 3)) V = 39.529710972111936 Best Action: 4
                                                                                                                                                                                                                                            state((2, 4, 3)) V = -7.533684038730996
                                                                                                                                                                                                                                                                                    Best Action: 1
state((1, 3, 3)) V = -4.1849153792968075 Best Action: 4
                                                          state((5, 3, 4)) V = 18.18459111925301 Best Action: 3
                                                                                                                      state((4, 3, 4)) V = 14.337356079665257 Best Action: 4
                                                                                                                                                                                 state((3, 4, 4)) V = -20.94845840237319 Best Action: 3
                                                                                                                                                                                                                                            state((2, 4, 4)) V = -69.82295689997841 Best Action: 3
state((1, 3, 4)) V = -4.1849153792968075 Best Action: 3
                                                           state((5, 4, 1)) V = 79.3864622778244 Best Action: 1
                                                                                                                      state((4, 5, 1)) V = 67.92026496285396 Best Action: 4
                                                                                                                                                                                 state((3, 5, 1)) V = 71.636212217586 Best Action: 4
                                                                                                                                                                                                                                            state((2, 5, 1)) V = -5.1488839169163 Best Action: 4
state((1, 4, 1)) V = -4.791444760685347 Best Action: 3
                                                           state((5, 4, 2)) V = 54.46489668618733 Best Action: 3
                                                                                                                      state((4, 5, 2)) V = -0.2406667605273185 Best Action: 3
                                                                                                                                                                                 state((3, 5, 2)) V = 67.43078743556612 Best Action: 3
                                                                                                                                                                                                                                            state((2, 5, 2)) V = -5.550038328504994 Best Action: 3
state((1, 4, 2)) V = -4.778364977565765
                                                           state((5, 4, 3)) V = -0.27249344455385227 Best Action: 4
                                                                                                                      state((4, 5, 3)) V = 55.23600968155082
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                 state((3, 5, 3)) V = 62.432081053359695
                                                                                                                                                                                                                         Best Action: 4
                                                                                                                                                                                                                                            state((2, 5, 3)) V = -5.305055919946513 Best Action: 4
                                        Best Action: 4
state((1, 4, 3)) V = -4.955477813021691 Best Action: 4
                                                           state((5, 4, 4)) V = 67.88686477732749 Best Action: 3
                                                                                                                      state((4, 5, 4)) V = 79.42269213715598
                                                                                                                                                              Best Action: 1
                                                                                                                                                                                 state((3, 5, 4)) V = 83.34139522466347
                                                                                                                                                                                                                        Best Action: 2
                                                                                                                                                                                                                                            state((2, 5, 4)) V = -5.30858543327148 Best Action: 3
state((1, 4, 4)) V = -10.327124338781314 Best Action: 3
                                                                                                                      state((5, 1, 1)) V = 14.374725085777266
                                                                                                                                                                                                                                            state((3, 1, 1)) V = 3.0770069696710123 Best Action: 4
                                                                                                                                                               Best Action: 2
                                                                                                                                                                                 state((4, 1, 1)) V = -8.62238061699112
                                                                                                                                                                                                                        Best Action: 4
state((1, 5, 1)) V = -3.889325744153624 Best Action: 3
                                                           state((1, 1, 1)) V = -4.293744225094134 Best Action: 3
                                                                                                                      state((5, 1, 2)) V = 0.9241720287476741
                                                                                                                                                                                 state((4, 1, 2)) V = -2.2656153005804907 Best Action: 3
                                                                                                                                                                                                                                            state((3, 1, 2)) V = 3.0770069696710123 Best Action: 3
                                                                                                                                                               Best Action: 3
state((1, 5, 2)) V = -3.9518167657860084
                                         Best Action: 4
                                                          state((1, 1, 2)) V = -4.343208772233966
                                                                                                  Best Action: 4
                                                                                                                      state((5, 1, 3)) V = 9.085485862754448
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                 state((4, 1, 3)) V = -3.530444962832516
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((3, 1, 3)) V = 0.77700215709812 Best Action: 3
state((1, 5, 3)) V = -4.142815182205588
                                        Best Action: 4
                                                           state((1, 1, 3)) V = -4.549015127905341 Best Action: 3
                                                                                                                      state((5, 1, 4)) V = 10.901623264598678
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((4, 1, 4)) V = 5.389206817504209
                                                                                                                                                                                                                         Best Action: 1
                                                                                                                                                                                                                                            state((3, 1, 4)) V = 10.3491250181195
                                                                                                                                                                                                                                                                                  Best Action: 2
state((1, 5, 4)) V = -4.11323590641482 Best Action: 3
                                                           state((1, 1, 4)) V = -4.509190047353352 Best Action: 4
                                                                                                                      state((5, 2, 1)) V = 15.340407756968904
                                                                                                                                                               Best Action: 1
                                                                                                                                                                                 state((4, 2, 1)) V = -67.3516457857542
                                                                                                                                                                                                                        Best Action: 4
                                                                                                                                                                                                                                            state((3, 3, 1)) V = 58.81676626523059
                                                                                                                                                                                                                                                                                   Best Action: 2
                                                                                                                                                                                 state((4, 2, 2)) V = -4.506849711493863
state((2, 1, 1)) V = -3.9254612728413787
                                                           state((1, 2, 1)) V = -4.384830042451253
                                                                                                   Best Action: 3
                                                                                                                      state((5, 2, 2)) V = 1.1166835432156086
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                                                         Best Action: 1
                                                                                                                                                                                                                                            state((3, 3, 2)) V = 43.12580727214642
                                                                                                                                                                                                                                                                                   Best Action: 4
                                         Best Action: 3
state((2, 1, 2)) V = -3.9254612728413787
                                         Best Action: 4
                                                           state((1, 2, 2)) V = -4.386008409047592
                                                                                                   Best Action: 3
                                                                                                                      state((5, 2, 3)) V = 9.907853540849988
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                 state((4, 2, 3)) V = -9.169810128919561
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((3, 3, 3)) V = 50.28849014181793
                                                                                                                                                                                                                                                                                    Best Action: 4
state((2, 1, 3)) V = -4.162599234276065
                                        Best Action: 3
                                                           state((1, 2, 3)) V = -4.613263887616085
                                                                                                    Best Action: 3
                                                                                                                      state((5, 2, 4)) V = 11.236972073612353
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((4, 2, 4)) V = 1.758781589028089
                                                                                                                                                                                                                         Best Action: 1
                                                                                                                                                                                                                                            state((3, 3, 4)) V = 46.89914929443976
                                                                                                                                                                                                                                                                                    Best Action: 3
state((2, 1, 4)) V = -4.161202932078326 Best Action: 3
                                                           state((1, 2, 4)) V = -4.613263887616085
                                                                                                   Best Action: 4
                                                                                                                      state((5, 3, 1)) V = 29.488852300046737
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((4, 3, 1)) V = -37.287780675619814 Best Action: 3
                                                                                                                                                                                                                                            state((3, 4, 1)) V = 54.54831735219814
                                                                                                                                                                                                                                                                                    Best Action: 1
state((2, 4, 1)) V = -8.800005170511456 Best Action: 1
                                                           state((1, 3, 1)) V = -4.392372106716072
                                                                                                                                                                                 state((4, 3, 2)) V = 24.52663643260091
                                                                                                                                                                                                                                            state((3, 4, 2)) V = 32.60815021516586
                                                                                                  Best Action: 3
                                                                                                                      state((5, 3, 2)) V = 26.12532769107228
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                                                        Best Action: 4
                                                                                                                                                                                                                                                                                    Best Action: 1
state((2, 4, 2)) V = -10.203564596586471 Best Action: 4
                                                          state((1, 3, 2)) V = -4.39692307127116 Best Action: 3
                                                                                                                      state((5, 3, 3)) V = 38.66441330454346 Best Action: 2
                                                                                                                                                                                 state((4, 3, 3)) V = 35.83090455685007
                                                                                                                                                                                                                                            state((3, 4, 3)) V = 39.732683716183274
                                                                                                                                                                                                                        Best Action: 1
                                                                                                                                                                                                                                                                                    Best Action: 4
state((2, 4, 3)) V = -6.423460037177684 Best Action: 1
                                                           state((1, 3, 3)) V = -4.643443222153411 Best Action: 4
                                                                                                                      state((5, 3, 4)) V = 24.3586596814487 Best Action: 3
                                                                                                                                                                                 state((4, 3, 4)) V = 17.17821122272772
                                                                                                                                                                                                                        Best Action: 4
                                                                                                                                                                                                                                            state((3, 4, 4)) V = -20.69229666431643
                                                                                                                                                                                                                                                                                    Best Action: 3
state((2, 4, 4)) V = -69.35537094461634 Best Action: 3
                                                           state((1, 3, 4)) V = -4.643443222153411 Best Action: 3
                                                                                                                      state((5, 4, 1)) V = 79.41900388119112 Best Action: 1
                                                                                                                                                                                 state((4, 5, 1)) V = 67.9855007440958 Best Action: 4
                                                                                                                                                                                                                                            state((3, 5, 1)) V = 71.68481911922666 Best Action: 4
state((2, 5, 1)) V = -3.926545282677319 Best Action: 4
                                                           state((1, 4, 1)) V = -5.341769416744717 Best Action: 3
                                                                                                                      state((5, 4, 2)) V = 54.732083352386276 Best Action: 3
                                                                                                                                                                                 state((4, 5, 2)) V = -0.1826077526529417 Best Action: 3
                                                                                                                                                                                                                                            state((3, 5, 2)) V = 67.61454928866338 Best Action: 3
state((2, 5, 2)) V = -4.328081387734338
                                       Best Action: 3
                                                           state((1, 4, 2)) V = -5.31933924468749 Best Action: 4
                                                                                                                      state((5, 4, 3)) V = -0.21876257320248982 Best Action: 4
                                                                                                                                                                                 state((4, 5, 3)) V = 55.32718398049131 Best Action: 4
                                                                                                                                                                                                                                            state((3, 5, 3)) V = 62.4964488682418
                                                                                                                                                                                                                                                                                  Best Action: 4
state((2, 5, 3)) V = -4.1939748124301435 Best Action: 4
                                                          state((1, 4, 3)) V = -5.454714163402578 Best Action: 4
                                                                                                                      state((5, 4, 4)) V = 67.94700862680531 Best Action: 3
                                                                                                                                                                                 state((4, 5, 4)) V = 79.43319638206599
                                                                                                                                                                                                                        Best Action: 1
                                                                                                                                                                                                                                            state((3, 5, 4)) V = 83.35680572962451 Best Action: 2
state((2, 5, 4)) V = -4.195100214953283 Best Action: 3
                                                           state((1, 4, 4)) V = -10.397195474617963
                                                                                                                                                                                 state((5, 1, 1)) V = 20.890520321065875
                                                                                                                                                                                                                         Best Action: 2
                                                                                                                                                                                                                                            state((4, 1, 1)) V = -3.5603992739278842 Best Action: 4
                                                                                                    Best Action: 3
state((3, 1, 1)) V = -3.937586258733454 Best Action: 4
                                                           state((1, 5, 1)) V = -4.364934923726196 Best Action: 3
                                                                                                                      state((1, 1, 1)) V = -4.700924512136637 Best Action: 3
                                                                                                                                                                                 state((5, 1, 2)) V = 7.890661013067865 Best Action: 3
                                                                                                                                                                                                                                            state((4, 1, 2)) V = 3.018846457938136 Best Action: 3
state((3, 1, 2)) V = -3.937586258733454 Best Action: 3
                                                           state((1, 5, 2)) V = -4.431139044394667
                                                                                                                                                                                 state((5, 1, 3)) V = 14.404332982783952
                                                                                                                                                                                                                         Best Action: 4
                                                                                                                                                                                                                                            state((4, 1, 3)) V = 0.6640906661448737 Best Action: 3
                                                                                                   Best Action: 4
                                                                                                                      state((1, 1, 2)) V = -4.7369116976113865
                                                                                                                                                               Best Action: 4
                                                                                                                                                                                                                                            state((4, 1, 4)) V = 10.66757491014558 Best Action: 1
state((3, 1, 3)) V = -4.171676890005051 Best Action: 3
                                                           state((1, 5, 3)) V = -4.575877096683861
                                                                                                  Best Action: 4
                                                                                                                      state((1, 1, 3)) V = -4.90811207309041 Best Action: 3
                                                                                                                                                                                 state((5, 1, 4)) V = 16.71910712536561
                                                                                                                                                                                                                        Best Action: 3
state((3, 1, 4)) V = -4.1669188189405455
                                         Best Action: 3
                                                           state((1, 5, 4)) V = -4.552485399949584
                                                                                                   Best Action: 3
                                                                                                                      state((1, 1, 4)) V = -3.4538411506694966
                                                                                                                                                               Best Action: 2
                                                                                                                                                                                 state((5, 2, 1)) V = 21.691221286625275
                                                                                                                                                                                                                         Best Action: 1
                                                                                                                                                                                                                                            state((4, 2, 1)) V = -62.48581464057199
                                                                                                                                                                                                                                                                                    Best Action: 4
state((3, 3, 1)) V = 55.61922421548264 Best Action: 2
                                                           state((2, 1, 1)) V = -4.412116397838653
                                                                                                  Best Action: 3
                                                                                                                      state((1, 2, 1)) V = -4.804452398434587
                                                                                                                                                              Best Action: 3
                                                                                                                                                                                 state((5, 2, 2)) V = 8.187226345874903
                                                                                                                                                                                                                        Best Action: 3
                                                                                                                                                                                                                                            state((4, 2, 2)) V = -0.1149837184605918 Best Action: 3
state((3, 3, 2)) V = 33.29470183163667
                                                                                                                                                                                 state((5, 2, 3)) V = 15.480463444149581
                                                                                                                                                                                                                                            state((4, 2, 3)) V = -5.3797234148484065 Best Action: 3
                                       Best Action: 4
                                                           state((2, 1, 2)) V = -4.412116397838653
                                                                                                  Best Action: 4
                                                                                                                      state((1, 2, 2)) V = -4.789641754165829
                                                                                                                                                              Best Action: 3
                                                                                                                                                                                                                         Best Action: 4
state((3, 3, 3)) V = 46.785233877198785
                                                           state((2, 1, 3)) V = -4.605836512127454
                                                                                                                      state((1, 2, 3)) V = -4.977753414643203
                                                                                                                                                                                 state((5, 2, 4)) V = 17.0984851861928 Best Action: 3
                                                                                                                                                                                                                                            state((4, 2, 4)) V = 7.014574380871991
                                        Best Action: 4
                                                                                                   Best Action: 3
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                                                                                                                   Best Action: 1
state((3, 3, 4)) V = 41.62078642919743
                                       Best Action: 3
                                                           state((2, 1, 4)) V = -4.624733053907257
                                                                                                   Best Action: 3
                                                                                                                      state((1, 2, 4)) V = -4.977753414643203
                                                                                                                                                               Best Action: 4
                                                                                                                                                                                 state((5, 3, 1)) V = 32.42839290980924
                                                                                                                                                                                                                        Best Action: 3
                                                                                                                                                                                                                                            state((4, 3, 1)) V = -36.07498955290812
                                                                                                                                                                                                                                                                                     Best Action: 3
state((3, 4, 1)) V = 52.04019154723005
                                       Best Action: 1
                                                           state((2, 4, 1)) V = -9.274561242228721
                                                                                                   Best Action: 1
                                                                                                                      state((1, 3, 1)) V = -4.821483060110024
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((5, 3, 2)) V = 29.477163476362897
                                                                                                                                                                                                                          Best Action: 4
                                                                                                                                                                                                                                            state((4, 3, 2)) V = 26.217051300960144
                                                                                                                                                                                                                                                                                     Best Action: 4
state((3, 4, 2)) V = 24.277957213297782 Best Action: 4
                                                           state((2, 4, 2)) V = -10.701991068620039
                                                                                                    Best Action: 4
                                                                                                                      state((1, 3, 2)) V = -4.811828933099705
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((5, 3, 3)) V = 39.93071969305372
                                                                                                                                                                                                                        Best Action: 2
                                                                                                                                                                                                                                            state((4, 3, 3)) V = 36.35366887864447 Best Action: 1
state((3, 4, 3)) V = 37.292047764618495 Best Action: 4
                                                           state((2, 4, 3)) V = -6.887016529438795 Best Action: 1
                                                                                                                      state((1, 3, 3)) V = -5.016983570482651
                                                                                                                                                              Best Action: 3
                                                                                                                                                                                 state((5, 3, 4)) V = 27.3975784164057 Best Action: 3
                                                                                                                                                                                                                                            state((4, 3, 4)) V = 18.780360659444604 Best Action: 4
state((3, 4, 4)) V = -23.460749132126878 Best Action: 3
                                                                                                                                                                                 state((5, 4, 1)) V = 79.42852959063094
                                                                                                                                                                                                                                            state((4, 5, 1)) V = 68.00404681181614 Best Action: 4
                                                           state((2, 4, 4)) V = -69.39012660791721 Best Action: 3
                                                                                                                      state((1, 3, 4)) V = -5.016983570482651
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                                                        Best Action: 1
state((3, 5, 1)) V = 71.16324357975995 Best Action: 4
                                                           state((2, 5, 1)) V = -4.41190088055347 Best Action: 4
                                                                                                                      state((1, 4, 1)) V = -5.776316782479569
                                                                                                                                                                                 state((5, 4, 2)) V = 54.81012982475315
                                                                                                                                                                                                                                            state((4, 5, 2)) V = -0.16609069790883524 Best Action: 3
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                                                        Best Action: 3
state((3, 5, 2)) V = 65.94865089099085 Best Action: 3
                                                           state((2, 5, 2)) V = -4.8150772608662695 Best Action: 3
                                                                                                                      state((1, 4, 2)) V = -5.747558417179814 Best Action: 4
                                                                                                                                                                                 state((5, 4, 3)) V = -0.2030392716373015 Best Action: 4
                                                                                                                                                                                                                                            state((4, 5, 3)) V = 55.35425887192411 Best Action: 4
                                                                                                                                                                                 state((5, 4, 4)) V = 67.96460472189635 Best Action: 3
state((3, 5, 3)) V = 61.803328871871194 Best Action: 4
                                                           state((2, 5, 3)) V = -4.63524066361072 Best Action: 4
                                                                                                                      state((1, 4, 3)) V = -5.845534048561787 Best Action: 3
                                                                                                                                                                                                                                            state((4, 5, 4)) V = 79.43617324536395 Best Action: 1
state((3, 5, 4)) V = 83.20344973424581 Best Action: 2
                                                           state((2, 5, 4)) V = -4.637329181352267 Best Action: 3
                                                                                                                      state((1, 4, 4)) V = -10.618790439173775
                                                                                                                                                                                                                                            state((5, 1, 1)) V = 24.392305877986676 Best Action: 2
                                                                                                                                                               Best Action: 4
state((4, 1, 1)) V = -11.971881604622798 Best Action: 4
                                                          state((3, 1, 1)) V = -4.442849767334564
                                                                                                   Best Action: 4
                                                                                                                      state((1, 5, 1)) V = -4.7598404185835586
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((1, 1, 1)) V = -4.022825447234784 Best Action: 4
                                                                                                                                                                                                                                            state((5, 1, 2)) V = 13.220525463395967
                                                                                                                                                                                                                                                                                    Best Action: 3
state((4, 1, 2)) V = -4.791954191391402 Best Action: 3
                                                                                                                      state((1, 5, 2)) V = -4.828052369935408
                                                                                                                                                                                                                                            state((5, 1, 3)) V = 17.73607837940205 Best Action: 4
                                                           state((3, 1, 2)) V = -4.442849767334564
                                                                                                   Best Action: 3
                                                                                                                                                               Best Action: 4
                                                                                                                                                                                 state((1, 1, 2)) V = -3.9262159558197354 Best Action: 3
state((4, 1, 3)) V = -5.262238300361165 Best Action: 3
                                                           state((3, 1, 3)) V = -4.628212714711641 Best Action: 3
                                                                                                                      state((1, 5, 3)) V = -4.935397937788909
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                 state((1, 1, 3)) V = -4.31900281719452
                                                                                                                                                                                                                        Best Action: 3
                                                                                                                                                                                                                                            state((5, 1, 4)) V = 19.997872220449327 Best Action: 3
state((4, 1, 4)) V = -5.262402108395386 Best Action: 1
                                                           state((3, 1, 4)) V = -1.175451906705279
                                                                                                   Best Action: 2
                                                                                                                      state((1, 5, 4)) V = -4.9171318164048685
                                                                                                                                                               Best Action: 3
                                                                                                                                                                                 state((1, 1, 4)) V = 1.2052085249752666
                                                                                                                                                                                                                         Best Action: 2
                                                                                                                                                                                                                                            state((5, 2, 1)) V = 25.03708740601791 Best Action: 1
state((4, 2, 1)) V = -70.90879027910444 Best Action: 4
                                                           state((3, 3, 1)) V = 57.711044329998884
                                                                                                    Best Action: 2
                                                                                                                      state((2, 1, 1)) V = -4.81254148429273 Best Action: 3
                                                                                                                                                                                 state((1, 2, 1)) V = -5.148568273521526
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((5, 2, 2)) V = 13.574498501848149 Best Action: 3
state((4, 2, 2)) V = -6.262725669079399 Best Action: 1
                                                           state((3, 3, 2)) V = 39.55507219247813 Best Action: 4
                                                                                                                      state((2, 1, 2)) V = -4.81254148429273 Best Action: 4
                                                                                                                                                                                 state((1, 2, 2)) V = -5.057204078988098
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((5, 2, 3)) V = 18.767718291559007
                                                                                                                                                                                                                                                                                    Best Action: 4
state((4, 2, 3)) V = -10.668874330633782 Best Action: 3
                                                           state((3, 3, 3)) V = 49.053550905639284 Best Action: 4
                                                                                                                      state((2, 1, 3)) V = -4.9707234575291155 Best Action: 3
                                                                                                                                                                                 state((1, 2, 3)) V = -5.228480053486413
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((5, 2, 4)) V = 20.39840339239711 Best Action: 3
state((4, 2, 4)) V = -9.14972781119086 Best Action: 1
                                                                                                                                                                                                                                            state((5, 3, 1)) V = 33.72812223846075
                                                           state((3, 3, 4)) V = 44.72676439356404 Best Action: 3
                                                                                                                      state((2, 1, 4)) V = -2.8965036412614737
                                                                                                                                                                                 state((1, 2, 4)) V = -5.228480053486413
                                                                                                                                                                                                                         Best Action: 4
                                                                                                                                                                                                                                                                                   Best Action: 3
                                                                                                                                                               Best Action: 1
state((4, 3, 1)) V = -46.15869257627553
                                                           state((3, 4, 1)) V = 53.74924381129561
                                                                                                                      state((2, 4, 1)) V = -9.68830384840391
                                                                                                                                                                                 state((1, 3, 1)) V = -5.171653133878487
                                                                                                                                                                                                                                            state((5, 3, 2)) V = 31.251237943480884
                                       Best Action: 3
                                                                                                  Best Action: 1
                                                                                                                                                             Best Action: 1
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                                                                     Best Action: 4
state((4, 3, 2)) V = 15.996410269153385
                                        Best Action: 4
                                                           state((3, 4, 2)) V = 28.991904444660754
                                                                                                    Best Action: 1
                                                                                                                      state((2, 4, 2)) V = -11.093664905945
                                                                                                                                                            Best Action: 4
                                                                                                                                                                                 state((1, 3, 2)) V = -5.086902278119199
                                                                                                                                                                                                                         Best Action: 3
                                                                                                                                                                                                                                            state((5, 3, 3)) V = 40.47101173643698
                                                                                                                                                                                                                                                                                    Best Action: 2
state((4, 3, 3)) V = 31.70758528800305 Best Action: 1
                                                           state((3, 4, 3)) V = 38.93508971738373 Best Action: 4
                                                                                                                      state((2, 4, 3)) V = -7.24997822668428
                                                                                                                                                                                 state((1, 3, 3)) V = -5.2678610849439345
                                                                                                                                                                                                                                            state((5, 3, 4)) V = 28.79313836776586
                                                                                                                                                             Best Action: 1
                                                                                                                                                                                                                          Best Action: 3
                                                                                                                                                                                                                                                                                    Best Action: 3
state((4, 3, 4)) V = 8.937374416494274 Best Action: 4
                                                           state((3, 4, 4)) V = -21.635341803781785 Best Action: 3
                                                                                                                      state((2, 4, 4)) V = -69.59238732825366
                                                                                                                                                              Best Action: 3
                                                                                                                                                                                 state((1, 3, 4)) V = -5.2678610849439345
                                                                                                                                                                                                                          Best Action: 4
                                                                                                                                                                                                                                            state((5, 4, 1)) V = 79.4313164215631 Best Action: 1
state((4, 5, 1)) V = 67.68880627937362
                                                           state((3, 5, 1)) V = 71.51005248468738
                                                                                                                      state((2, 5, 1)) V = -4.814694567300199
                                                                                                                                                                                 state((1, 4, 1)) V = -6.126605855096233
                                                                                                                                                                                                                                            state((5, 4, 2)) V = 54.832948149939895 Best Action: 3
                                       Best Action: 4
                                                                                                  Best Action: 4
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                                                         Best Action: 3
                                                          state((3, 5, 2)) V = 66.97820790772698
state((4, 5, 2)) V = -0.4466030128649905 Best Action: 3
                                                                                                  Best Action: 3
                                                                                                                      state((2, 5, 2)) V = -5.217133678524488
                                                                                                                                                              Best Action: 3
                                                                                                                                                                                 state((1, 4, 2)) V = -6.0852678902575645
                                                                                                                                                                                                                          Best Action: 4
                                                                                                                                                                                                                                            state((5, 4, 3)) V = -0.19844007777237493 Best Action: 4
state((4, 5, 3)) V = 54.92247925281985 Best Action: 4
                                                           state((3, 5, 3)) V = 62.263075871916904 Best Action: 4
                                                                                                                      state((2, 5, 3)) V = -5.001347191234482
                                                                                                                                                              Best Action: 4
                                                                                                                                                                                 state((1, 4, 3)) V = -6.1475777589222815
                                                                                                                                                                                                                                            state((5, 4, 4)) V = 67.96975143004185 Best Action: 3
                                                                                                                                                                                                                          Best Action: 3
state((4, 5, 4)) V = 79.3853435163084 Best Action: 1
                                                           state((3, 5, 4)) V = 83.30191727531499 Best Action: 2
                                                                                                                      state((2, 5, 4)) V = -5.004220349538073 Best Action: 3
                                                                                                                                                                                 state((1, 4, 4)) V = -10.849576657524619 Best Action: 4
                                                                                                                                                                                                                                            state((1, 1, 1)) V = -0.6807732166824748 Best Action: 4
state((5, 1, 1)) V = 4.593842982216989 Best Action: 2
                                                          state((4, 1, 1)) V = -11.807143938992649 Best Action: 4
                                                                                                                      state((3, 1, 1)) V = -2.0686510911780744 Best Action: 4
                                                                                                                                                                                 state((1, 5, 1)) V = -5.08769098141623 Best Action: 3
```

```
state((1, 1, 2)) V = -0.12666072043880633 Best Action: 3 state((5, 1, 3)) V = 19.664249999417382 Best Action: 4
                                                                                                                      state((4, 1, 3)) V = 7.675128510967352 Best Action: 3
state((1, 1, 3)) V = -1.2929263403869213 Best Action: 3
                                                           state((5, 1, 4)) V = 21.668244356148385 Best Action: 3
                                                                                                                      state((4, 1, 4)) V = 15.841503939831755 Best Action: 1
state((1, 1, 4)) V = 5.736924439785937 Best Action: 2
                                                           state((5, 2, 1)) V = 26.65774779402981
                                                                                                                      state((4, 2, 1)) V = -55.61818121546448 Best Action: 4
                                                                                                  Best Action: 1
state((1, 2, 1)) V = -5.3967908399476165
                                         Best Action: 3
                                                           state((5, 2, 2)) V = 16.77725351424365
                                                                                                  Best Action: 3
                                                                                                                      state((4, 2, 2)) V = 7.583342174717241 Best Action: 3
state((1, 2, 2)) V = -2.577221088888283 Best Action: 1
                                                           state((5, 2, 3)) V = 20.563870393035632
                                                                                                    Best Action: 4
                                                                                                                      state((4, 2, 3)) V = 1.4506182636535454
                                                                                                                                                               Best Action: 3
state((1, 2, 3)) V = -3.374880933918631 Best Action: 3
                                                           state((5, 2, 4)) V = 22.068022520017962
                                                                                                    Best Action: 3
                                                                                                                      state((4, 2, 4)) V = 12.15577064064057 Best Action: 1
state((1, 2, 4)) V = -3.374880933918631 Best Action: 4
                                                           state((5, 3, 1)) V = 34.29410598679752 Best Action: 3
                                                                                                                      state((4, 3, 1)) V = -35.25953738062012 Best Action: 3
state((1, 3, 1)) V = -5.419941227537648 Best Action: 3
                                                           state((5, 3, 2)) V = 32.142761699273855
                                                                                                    Best Action: 4
                                                                                                                      state((4, 3, 2)) V = 27.924694092787195 Best Action: 4
state((1, 3, 2)) V = -2.9485966825374503 Best Action: 2
                                                           state((5, 3, 3)) V = 40.703125859378545 Best Action: 2
                                                                                                                      state((4, 3, 3)) V = 36.704595835361374 Best Action: 1
                                                           state((5, 3, 4)) V = 29.41525092095759 Best Action: 3
state((1, 3, 3)) V = -3.564034152755245 Best Action: 3
                                                                                                                      state((4, 3, 4)) V = 20.5027630329464 Best Action: 1
state((1, 3, 4)) V = -3.564034152755245 Best Action: 4
                                                           state((5, 4, 1)) V = 79.4321315576298 Best Action: 1
                                                                                                                      state((4, 5, 1)) V = 68.0109460886323 Best Action: 4
state((1, 4, 1)) V = -6.40285255246511 Best Action: 3
                                                           state((5, 4, 2)) V = 54.839621103033366 Best Action: 3
                                                                                                                      state((4, 5, 2)) V = -0.15993774800293892 Best Action: 3
state((1, 4, 2)) V = -4.703564675362225 Best Action: 1
                                                           state((5, 4, 3)) V = -0.19709493607776096 Best Action: 4
                                                                                                                      state((4, 5, 3)) V = 55.36508328866928 Best Action: 4
state((1, 4, 3)) V = -5.056745190181273
                                                           state((5, 4, 4)) V = 67.97125668405874 Best Action: 3
                                                                                                                      state((4, 5, 4)) V = 79.43727410996111 Best Action: 1
                                        Best Action: 3
state((1, 4, 4)) V = -9.868334595244598 Best Action: 4
                                                           iter 10:
                                                                                                                      state((5, 1, 1)) V = 26.927037464284204 Best Action: 2
state((1, 5, 1)) V = -5.359602442912662 Best Action: 3
                                                           state((1, 1, 1)) V = 2.717510730171436 Best Action: 4
                                                                                                                      state((5, 1, 2)) V = 18.09697722426342 Best Action: 3
                                                                                                                      state((5, 1, 3)) V = 20.716152899482307 Best Action: 4
state((1, 5, 2)) V = -4.795749873773474 Best Action: 2
                                                           state((1, 1, 2)) V = 3.762684318142978 Best Action: 3
state((1, 5, 3)) V = -5.04671107910175 Best Action: 3
                                                           state((1, 1, 3)) V = 2.0748331697774813 Best Action: 3
                                                                                                                      state((5, 1, 4)) V = 22.47706038735621 Best Action: 3
state((1, 5, 4)) V = -5.059494521447843 Best Action: 4
                                                           state((1, 1, 4)) V = 8.931599839624045 Best Action: 2
                                                                                                                      state((5, 2, 1)) V = 27.413505950816695 Best Action: 1
state((2, 1, 1)) V = 0.6173182844585087
                                        Best Action: 4
                                                           state((1, 2, 1)) V = -4.159691631958576 Best Action: 3
                                                                                                                      state((5, 2, 2)) V = 18.460778329752042 Best Action: 3
state((2, 1, 2)) V = 0.6173182844585087
                                        Best Action: 3
                                                           state((1, 2, 2)) V = 0.5717439965231119
                                                                                                    Best Action: 1
                                                                                                                      state((5, 2, 3)) V = 21.489015726366947
                                                                                                                                                               Best Action: 4
state((2, 1, 3)) V = -0.6895208629060119
                                         Best Action: 3
                                                           state((1, 2, 3)) V = -0.7666530449996533
                                                                                                     Best Action: 3
                                                                                                                      state((5, 2, 4)) V = 22.86829104947795 Best Action: 3
state((2, 1, 4)) V = 6.691800208437956 Best Action: 1
                                                           state((1, 2, 4)) V = -0.7666530449996533
                                                                                                     Best Action: 4
                                                                                                                      state((5, 3, 1)) V = 34.53984638598119
                                                                                                                                                              Best Action: 3
state((2, 4, 1)) V = -10.337101998302796 Best Action: 1
                                                           state((1, 3, 1)) V = -4.289075163968859 Best Action: 3
                                                                                                                      state((5, 3, 2)) V = 32.572809717004695 Best Action: 4
state((2, 4, 2)) V = -11.663722691807147
                                         Best Action: 4
                                                           state((1, 3, 2)) V = 0.18430638566154015 Best Action: 2
                                                                                                                      state((5, 3, 3)) V = 40.8037212837485 Best Action: 2
state((2, 4, 3)) V = -6.852614235973427 Best Action: 1
                                                           state((1, 3, 3)) V = -0.9401696164090305 Best Action: 3
                                                                                                                      state((5, 3, 4)) V = 29.689317770502647 Best Action: 3
state((2, 4, 4)) V = -70.03696209421157 Best Action: 3
                                                           state((1, 3, 4)) V = -0.9401696164090305 Best Action: 4
                                                                                                                      state((5, 4, 1)) V = 79.43236996264872 Best Action: 1
state((2, 5, 1)) V = -5.426124600608588 Best Action: 4
                                                           state((1, 4, 1)) V = -5.641460504779744 Best Action: 3
                                                                                                                      state((5, 4, 2)) V = 54.84157264669149 Best Action: 3
state((2, 5, 2)) V = -5.8255574636622445 Best Action: 3
                                                           state((1, 4, 2)) V = -2.1464387256894026 Best Action: 1
                                                                                                                      state((5, 4, 3)) V = -0.19670153078667596 Best Action: 4
                                                                                                                      state((5, 4, 4)) V = 67.97169691504925 Best Action: 3
state((2, 5, 3)) V = -5.5323189802273935 Best Action: 4
                                                           state((1, 4, 3)) V = -2.9339352659523548 Best Action: 3
state((2, 5, 4)) V = -5.561044498891482 Best Action: 3
                                                           state((1, 4, 4)) V = -7.991465973055222 Best Action: 4
                                                                                                                      Result: [((1, 1, 4), (13.037595531961905, 2)), ((3, 1, 4),
state((3, 1, 1)) V = 7.687069958798792
                                       Best Action: 4
                                                           state((1, 5, 1)) V = -5.246539516332713
                                                                                                   Best Action: 3
state((3, 1, 2)) V = 7.687069958798792 Best Action: 3
                                                           state((1, 5, 2)) V = -2.3705709730034585 Best Action: 2
                                                                                                                      (17.735035194058202, 2)), ((5, 1, 4),
state((3, 1, 3)) V = 4.745495883541919
                                                           state((1, 5, 3)) V = -3.0843400106748002 Best Action: 3
                                                                                                                      (23.187304977843954, 3)), ((5, 1, 1),
                                       Best Action: 3
state((3, 1, 4)) V = 13.799476413906856
                                        Best Action: 2
                                                           state((1, 5, 4)) V = -3.2200587942237333
                                                                                                    Best Action: 4
                                                                                                                      (27.624299272635582, 2)), ((5, 3, 1),
state((3, 3, 1)) V = 58.941379701300335
                                        Best Action: 2
                                                           state((2, 1, 1)) V = 4.592832277563665 Best Action: 4
                                                                                                                      (34.734895191420236, 3)), ((5, 3, 3),
state((3, 3, 2)) V = 43.53501033378688
                                       Best Action: 4
                                                           state((2, 1, 2)) V = 4.592832277563665
                                                                                                  Best Action: 3
                                                                                                                      (40.88731531557343, 2)), ((3, 3, 3), (50.53366647701077,
                                                           state((2, 1, 3)) V = 2.801880817025552
                                                                                                  Best Action: 3
                                                                                                                      4)), ((3, 3, 1), (59.03692218472277, 2)), ((3, 5, 1),
state((3, 3, 3)) V = 50.42861275619136
                                       Best Action: 4
state((3, 3, 4)) V = 47.21638740881005
                                                           state((2, 1, 4)) V = 9.857300712479702
                                                                                                  Best Action: 1
                                                                                                                      (71.7157987204508, 4)), ((3, 5, 4), (83.36708497268832,
                                       Best Action: 3
state((3, 4, 1)) V = 54.62650189020978
                                       Best Action: 1
                                                           state((2, 4, 1)) V = -10.528901387849027
                                                                                                    Best Action: 1
                                                                                                                      (2)), ((5, 5, 4), None)]
state((3, 4, 2)) V = 33.023337051806664
                                        Best Action: 1
                                                           state((2, 4, 2)) V = -11.176902971578384
                                                                                                     Best Action: 4
state((3, 4, 3)) V = 39.91681969035181 Best Action: 4
                                                           state((2, 4, 3)) V = -5.313635293599931 Best Action: 1
state((3, 4, 4)) V = -20.59572288246619
                                       Best Action: 3
                                                           state((2, 4, 4)) V = -70.14859917758605 Best Action: 3
state((3, 5, 1)) V = 71.70353015269333
                                       Best Action: 4
                                                           state((2, 5, 1)) V = -5.645972936782473 Best Action: 3
state((3, 5, 2)) V = 67.68771443923833
                                                           state((2, 5, 2)) V = -6.004891482581703 Best Action: 4
                                       Best Action: 3
state((3, 5, 3)) V = 62.52123856289999
                                       Best Action: 4
                                                           state((2, 5, 3)) V = -4.758174393294599 Best Action: 1
state((3, 5, 4)) V = 83.36279867821719 Best Action: 2
                                                           state((2, 5, 4)) V = -5.7600519228649185 Best Action: 3
state((4, 1, 1)) V = 0.9048847367446609
                                        Best Action: 4
                                                           state((3, 1, 1)) V = 10.802818014841062 Best Action: 4
state((4, 1, 2)) V = 7.676867256246849
                                       Best Action: 3
                                                           state((3, 1, 2)) V = 10.802818014841062 Best Action: 3
state((4, 1, 3)) V = 4.741212039852571
                                       Best Action: 3
                                                           state((3, 1, 3)) V = 7.709015535463161 Best Action: 3
state((4, 1, 4)) V = 13.998142565576275 Best Action: 1
                                                           state((3, 1, 4)) V = 15.749135823444668 Best Action: 2
state((4, 2, 1)) V = -58.36361986312709
                                                           state((3, 3, 1)) V = 58.99261495330095 Best Action: 2
                                        Best Action: 4
state((4, 2, 2)) V = 4.485019907223545
                                       Best Action: 3
                                                           state((3, 3, 2)) V = 43.70140311679761 Best Action: 4
state((4, 2, 3)) V = -1.357256933622724 Best Action: 3
                                                           state((3, 3, 3)) V = 50.485960543233695 Best Action: 4
state((4, 2, 4)) V = 10.334352220650388
                                        Best Action: 1
                                                           state((3, 3, 4)) V = 47.37725390385102 Best Action: 3
state((4, 3, 1)) V = -35.52970280765045
                                       Best Action: 3
                                                           state((3, 4, 1)) V = 54.66305800556723 Best Action: 1
state((4, 3, 2)) V = 27.2836118600492
                                      Best Action: 4
                                                           state((3, 4, 2)) V = 33.19761615857878
                                                                                                  Best Action: 1
state((4, 3, 3)) V = 36.59150780299819
                                       Best Action: 1
                                                           state((3, 4, 3)) V = 40.165623551532306
                                                                                                   Best Action: 4
state((4, 3, 4)) V = 19.88376393911449
                                                           state((3, 4, 4)) V = -20.553151306091493 Best Action: 3
                                       Best Action: 1
state((4, 5, 1)) V = 68.00938462295525 Best Action: 4
                                                           state((3, 5, 1)) V = 71.71076410450532 Best Action: 4
state((4, 5, 2)) V = -0.1613318395637009
                                         Best Action: 3
                                                           state((3, 5, 2)) V = 67.71740373658155 Best Action: 3
state((4, 5, 3)) V = 55.362500269239305
                                        Best Action: 4
                                                           state((3, 5, 3)) V = 62.53089010326092 Best Action: 4
state((4, 5, 4)) V = 79.43702612900441 Best Action: 1
                                                           state((3, 5, 4)) V = 83.36517695347237 Best Action: 2
state((5, 1, 1)) V = 26.113934182517525 Best Action: 2
                                                           state((4, 1, 1)) V = 3.911962231171306 Best Action: 4
                                                          state((4, 1, 2)) V = 10.795835652942115 Best Action: 3
state((5, 1, 2)) V = 16.406417657284138 Best Action: 3
```