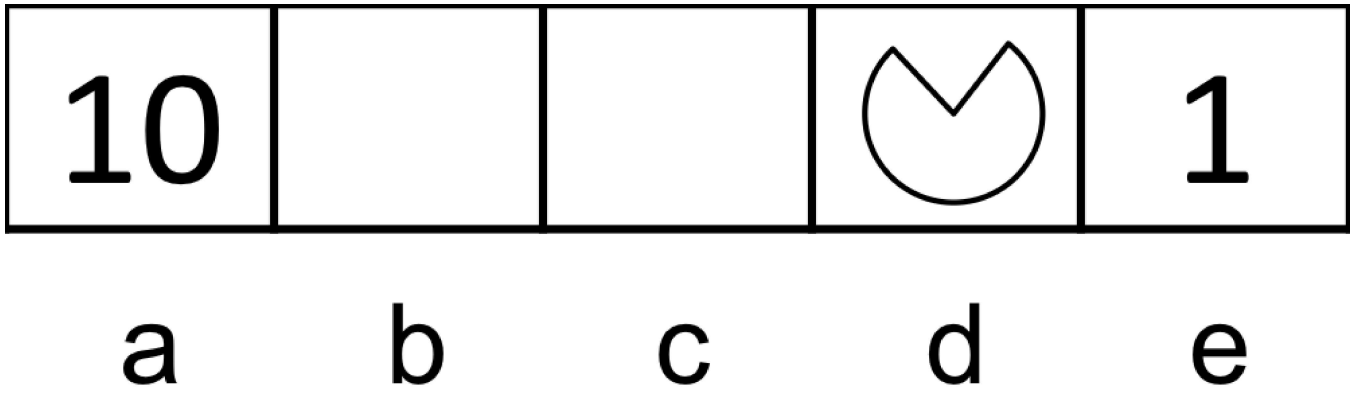
hw4_mdps_q1_solving_mdps

Question 1: Solving MDPs

6/6 points (ungraded)

Consider the gridworld MDP for which **Left** and **Right** actions are 100% successful. Specifically, the available actions in each state are to move to the neighboring grid squares. From state a, there is also an exit action available, which results in going to the terminal state and collecting a reward of 10. Similarly, in state e, the reward for the exit action is 1. Exit actions are successful 100% of the time.



Let the discount factor $\gamma = 1$. Fill in the following quantities.

$V_0(d) =$

0 ✔

$V_1(d) =$

0 ✔

$V_2(d) =$

1 ✔

$V_3(d) =$

1 ✔

$V_4\ (d) =$

10 ✔

$V_5\ (d) =$

10 ✔

Submit

✔ Correct (6/6 points)