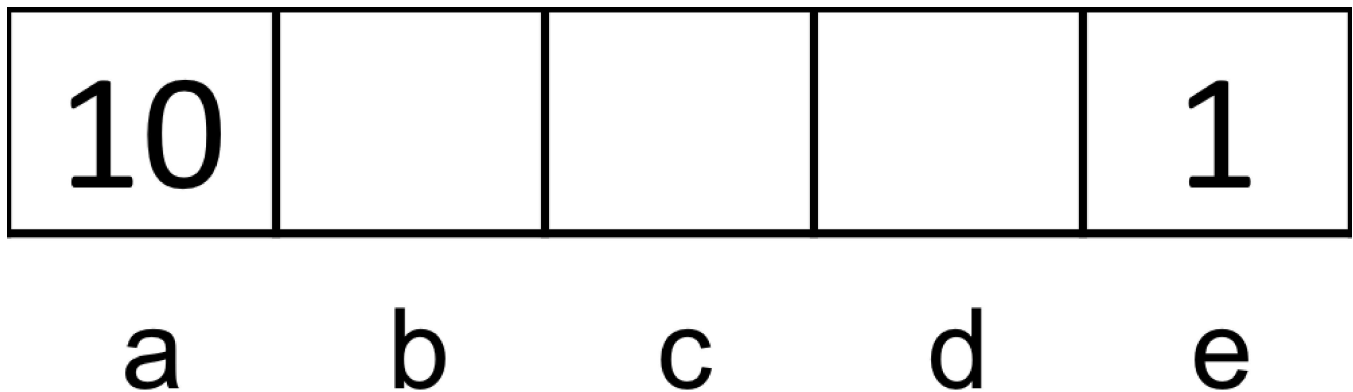


## Quiz 1: MDP Notation

### Quiz 1: MDP Notation

12/12 points (ungraded)

Consider a gridworld MDP as shown below. The available actions in each state are to move to the neighboring grid squares. Left and Right actions are successful 80% of the time. When not successful, the agent stays in place. 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.



Fill in all of the following quantities.

$$T(c, \text{Right}, d) =$$



$$T(c, \text{Right}, e) =$$



$$T(c, \text{Right}, c) =$$



$T(c, \text{Right}, b) =$



$T(c, \text{Right}, a) =$



$T(c, \text{Right}, \text{terminal state}) =$



$T(a, \text{Exit}, \text{terminal state}) =$



$T(a, \text{Right}, b) =$



$T(a, \text{Right}, a) =$



$R(a, \text{Right}, a) =$



$R(a, \text{Exit}, \text{terminal state}) =$



$R(c, \text{Right}, d) =$



Submit

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✓ Correct (12/12 points)

