ozobot

3

4

b

a

1

2

PLACE HERE
FACING RIGHT

START

Try 1: go straight left.
Try 2: jump right, left, u-turn
Try 3: u-turn (2x), go straight (2x)

Solutions:

Solution 1: 1/3, 1/3, 1/3.

Solution 2: they always add up to 1. This is also true for the previous example. The probabilities were 1/2 and 1/2.

Solution 3: For Example:
• Rolling a dice (1/6)
• Drawing from a bowl of numbered balls (f.e. 10 balls, then the probability is 1/10)

Solution 4: The probability of reaching "Finish" is now 1

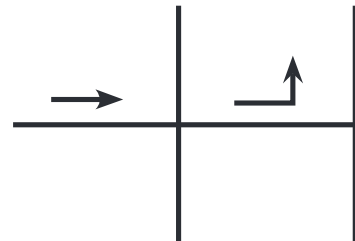Solution 5: 1/3 left, 1/3 right, 1/3 straight

Solution 6: 1/2 left, 1/2 right

Solution 7: Yes, they do, 1/3+1/3+1/6+1/6 = 1.
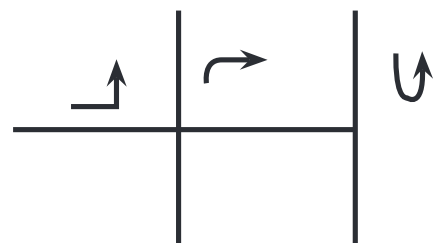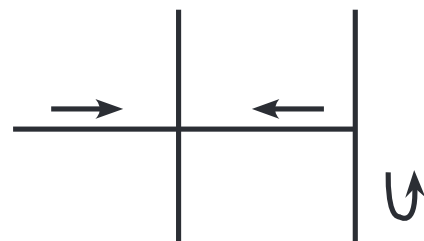
Solution 8:

1. Straight

   Left

2. Jump Right

   Left

   U-turn

3. U-turn   (2x)

   Straight   (2x)