


Start $s = 1$	$s = 2$	$s = 3$	$s = 4$	$s = 5$
$s = 6$	$s = 7$	$s = 8$	$s = 9$	$s = 10$
$s = 11$	$s = 12$		$s = 13$	$s = 14$
$s = 15$	$s = 16$		$s = 17$	$s = 18$
$s = 19$	$s = 20$	$R = -10$ $s = 21$ 	$s = 22$	$R = +10$ $s = 23$ Goal

**Actions:**

- attempt\_up
- attempt\_down
- attempt\_left
- attempt\_right

When the agent attempts to move in a direction:

- The agent succeeds,  $p = 0.8$
- The agent veers 90° right,  $p = 0.05$
- The agent veers 90° left,  $p = 0.05$
- The agent stays in place,  $p = 0.1$

If the agent would ever hit a wall, it stays in its current position.

All unspecified rewards are zero.

All specified rewards are for entering the state