Name:	Date:	Period:

Lab01: Random Walk

- Run ten trials with $n = 5$ and for each trial report:

Trial #	Very First Step	First Edge Reached	Final Direction	Steps
1	left – right	left – right	left – right	
2	left – right	left – right	left – right	
3	left – right	left – right	left – right	
4	left – right	left – right	left – right	
5	left – right	left – right	left – right	
6	left – right	left – right	left – right	
7	left – right	left – right	left – right	
8	left – right	left – right	left – right	
9	left – right	left – right	left – right	
10	left – right	left – right	left – right	

- How often did the direction of the first step match the final direction of the walk?

- How often did the first edge reached match the final direction of the walk?

- What was the average number of steps required for these ten particular trials?