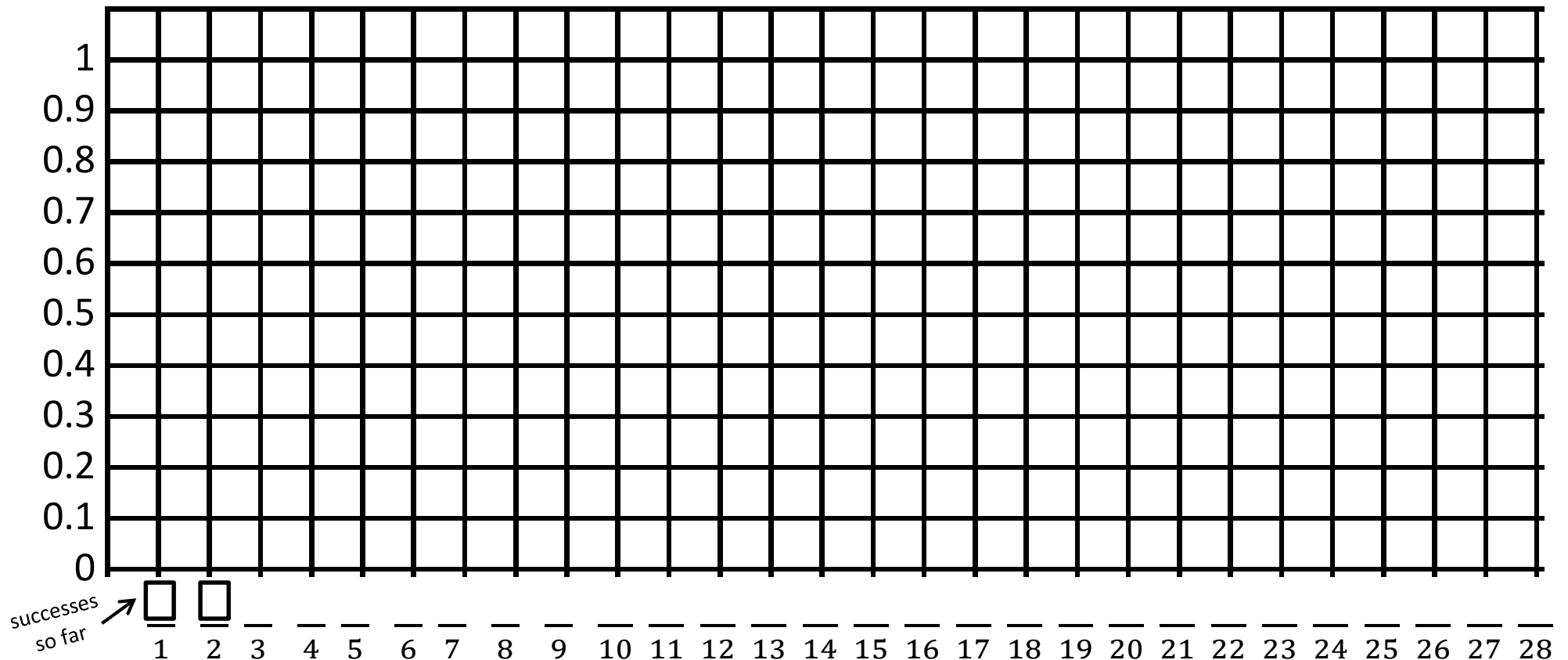Name(s) _____

Intro to Probability Lab
"Flip Your Lid"

When we start to work with probability, we need to define the event we call a "success". You have flipped coins before, and success is either a head or tail. Now we are flipping lids, we need to decide what success is on our flip – rim up or down.

Define success = _____   Predict the probability of a success (between 0 and 1): _____

Now start flipping. Document on the graph the cumulative proportion of success (how many successes out of the total flipped so far).

1	
0.9	
0.8	
0.7	
0.6	
0.5	
0.4	
0.3	
0.2	
0.1	
0	

successes so far → 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

Estimate the probability of your event: _____

How did that compare to your prediction? To others?