Name_____ Date_____

Data Management
Unit 2 Line Master 1a

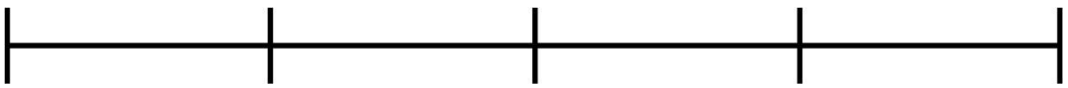
Exploring Probability

Part A

The pointer on this spinner is spun.
Determine the probability of each outcome.

Event	Likelihood Term	Fraction	Decimal	Percent
not an even number				
12				
a number between 4 and 9				
a number less than 3				
a number less than 10				

Draw a probability line. Include benchmark terms, fractions, decimals, and/or percents. Place each outcome on the line.



Name_____ Date_____

Data Management
Unit 2 Line Master 1b

Exploring Probability (cont'd)

Part B

Use the probability line from Part A.
Predict the results of spinning the pointer 100 times.

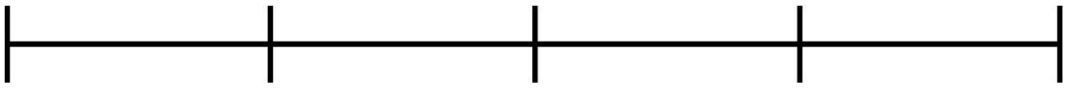
Event	Prediction
not an even number	
12	
a number between 4 and 9	
a number less than 3	
a number less than 10	

A student conducted the experiment 100 times.

Event	Results
not an even number	18
12	0
a number between 4 and 9	26
a number less than 3	6
a number less than 10	50

How do your predictions compare with these results?

Show the results on another probability line.



Compare the probability lines. What do you notice?
Why might this be?