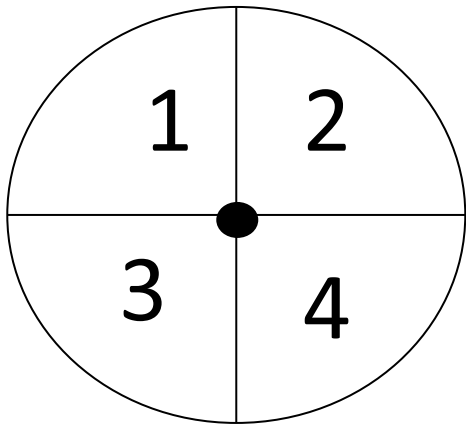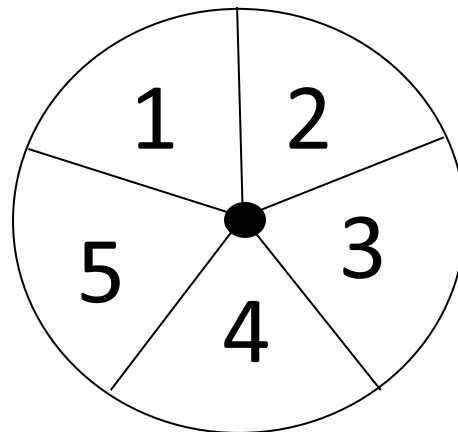# MathFLIX CHALLENGE

Theoretical Probability

Spinner A

Spinner B

1. What is the greatest sum you can make by adding one number from Spinner A and one number from Spinner B?

_____

2. What is the smallest sum you can make?

_____

3. Can you make every sum in between?

_____

4. Do you think one sum will occur more often than another?

_____

To answer question #4, we can make a Table of Outcomes below.

Use the information from the Table of Outcomes to complete a Table of Theoretical Probability below.

+	1	2	3	4
1	2		4	
2		4		
3	4			
4				
5				

Sum	# of ways	Fraction	Decimal	Percent
2	1	1/20	0.05	5%
3	2	2/20	0.10	
4				
5				
6				
7				
8				
9				
Total				