

Name _____

Date _____

A. Complete the table below.

Die 1	Die 2	Sum		Die 1	Die 2	Sum
1	1	2		2	1	
1	2	3		2	2	
1	3	4		2	3	
1	4	5		2	4	
1	5	6		2	5	
1	6	7		2	6	
2	1	3		3	1	
2	2	4		3	2	
2	3	5		3	3	
2	4			3	4	
2	5			3	5	
2	6			3	6	
3	1			4	1	
3	2			4	2	
3	3			4	3	
3	4			4	4	
3	5			4	5	
3	6			4	6	
4	1			5	1	
4	2			5	2	
4	3			5	3	
4	4			5	4	
4	5			5	5	
4	6			5	6	
5	1			6	1	
5	2			6	2	
5	3			6	3	
5	4			6	4	
5	5			6	5	
5	6			6	6	

B. Use the table above to answer the questions below.

- How many possible outcomes are there when you roll a pair of dice? _____
- How many ways can you get a sum of 1? _____
- How many ways can you get a sum of 2? _____
- How many ways can you get a sum of 3? _____
- How many ways can you get a sum of 4? _____
- How many ways can you get a sum of 5? _____
- How many ways can you get a sum of 6? _____
- How many ways are there to get a sum of 7? _____
- How many ways are there to get a sum of 8? _____
- How many ways are there to get a sum of 9? _____
- How many ways are there to get a sum of 10? _____
- How many ways are there to get a sum of 11? _____
- How many ways are there to get a sum of 12? _____

C. Complete the table below.

Sum of dice	2	3	4	5	6	7	8	9	10	11	12
# outcomes											
probabilities											