

Two Dice, One Sum - Probability Worksheet

Name: _____

Date: _____

Instructions:

1. Use two six-sided dice (D6), either physical or at <https://FreeOnlineDiceRoller.com>
2. Roll both dice at the same time, 100 times.
3. Record the sum of each roll.
4. Tally how many times each possible sum (2 to 12) occurs.
5. Create a histogram or bar graph to visualize the results.

Sum	Tally Marks	Total
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

Discussion:

- Which sum occurred most often? Least often?

- Were any sums more common than others? Why?
- What is the theoretical probability of each sum?
- How could you predict the most common outcomes ahead of time?

Created by FreeOnlineDiceRoller.com