

Worksheet 2: Graphing Dice Outcomes (Grades 6-8)

Name: _____

Date: _____

Objective: Introduce students to data visualization through bar graphs.

Instructions: Roll a D6 60 times.

Use the results to fill out a bar graph.

Label the x-axis with the numbers 1 to 6.

Label the y-axis in intervals of 5 (up to 30).

Discussion Questions:

- Was your graph symmetrical?
- What would the graph look like if we rolled the die 600 times instead of 60?

Bonus Activity:

Try rolling a D8 and graphing the results.

Use this tool: <https://FreeOnlineDiceRoller.com>