## Unit 8 Lesson 7: Graph and Answer

### WU Notice and Wonder: Graph (Warm up)

#### Student Task Statement

What do you notice? What do you wonder?



### 1 Draw a Scaled Bar Graph

#### Student Task Statement

Work with your group to create a bar graph that represents your survey data. When drawing your bar graph, think about:

* what each unit on the graph represents
* how tall the bar will be for the most popular category and for the least popular category
* the title and labels to use

### 2 Ask and Answer Questions

#### Student Task Statement

1. Write questions that could be answered with your bar graph by completing these sentences.
	1. How many more students liked \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	* than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ?
	1. How many fewer students liked \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_than
	* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ?
	1. How many more students liked \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or
	* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ?
2. Use your partner’s graph to answer their questions. Show or explain your reasoning.
* The answers to the questions from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ’s graph:



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