



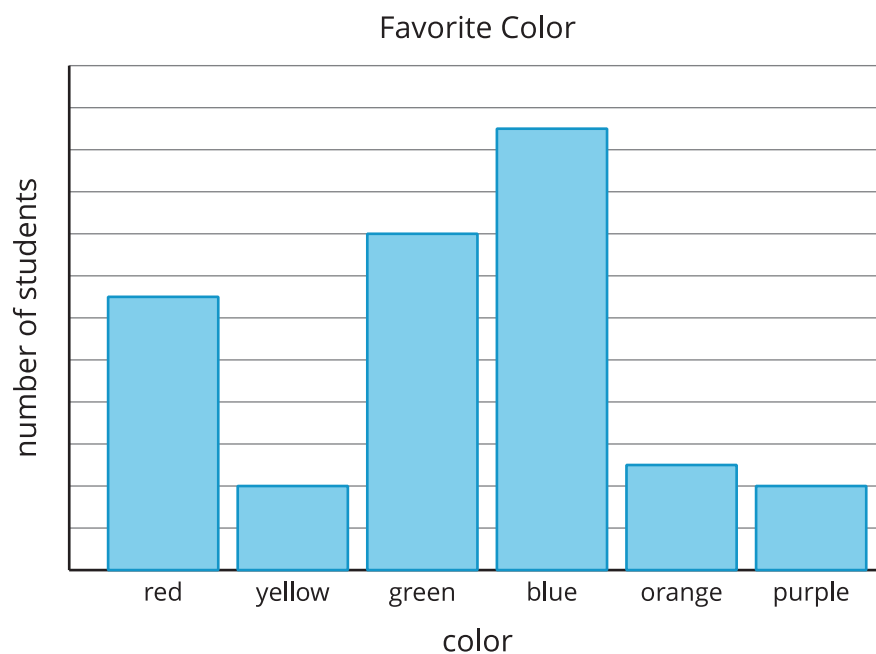
# Graph and Answer

Let's represent our data on scaled bar graphs and answer questions about the data.

## Warm-up

## Notice and Wonder: Graph

What do you notice? What do you wonder?



## Activity 1

### Draw a Scaled Bar Graph

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.





## Activity 2

### Ask and Answer Questions

1. Write questions that could be answered with your bar graph by filling in the blanks.

a. How many more students chose \_\_\_\_\_  
than chose \_\_\_\_\_ ?

b. How many fewer students chose \_\_\_\_\_ than  
chose \_\_\_\_\_ ?

c. How many more students chose \_\_\_\_\_ or  
\_\_\_\_\_ than chose \_\_\_\_\_ ?



2. Use your partner's graph to answer their questions. Show or explain your reasoning.

The answers to the questions from \_\_\_\_\_'s graph:

a.

b.

c.