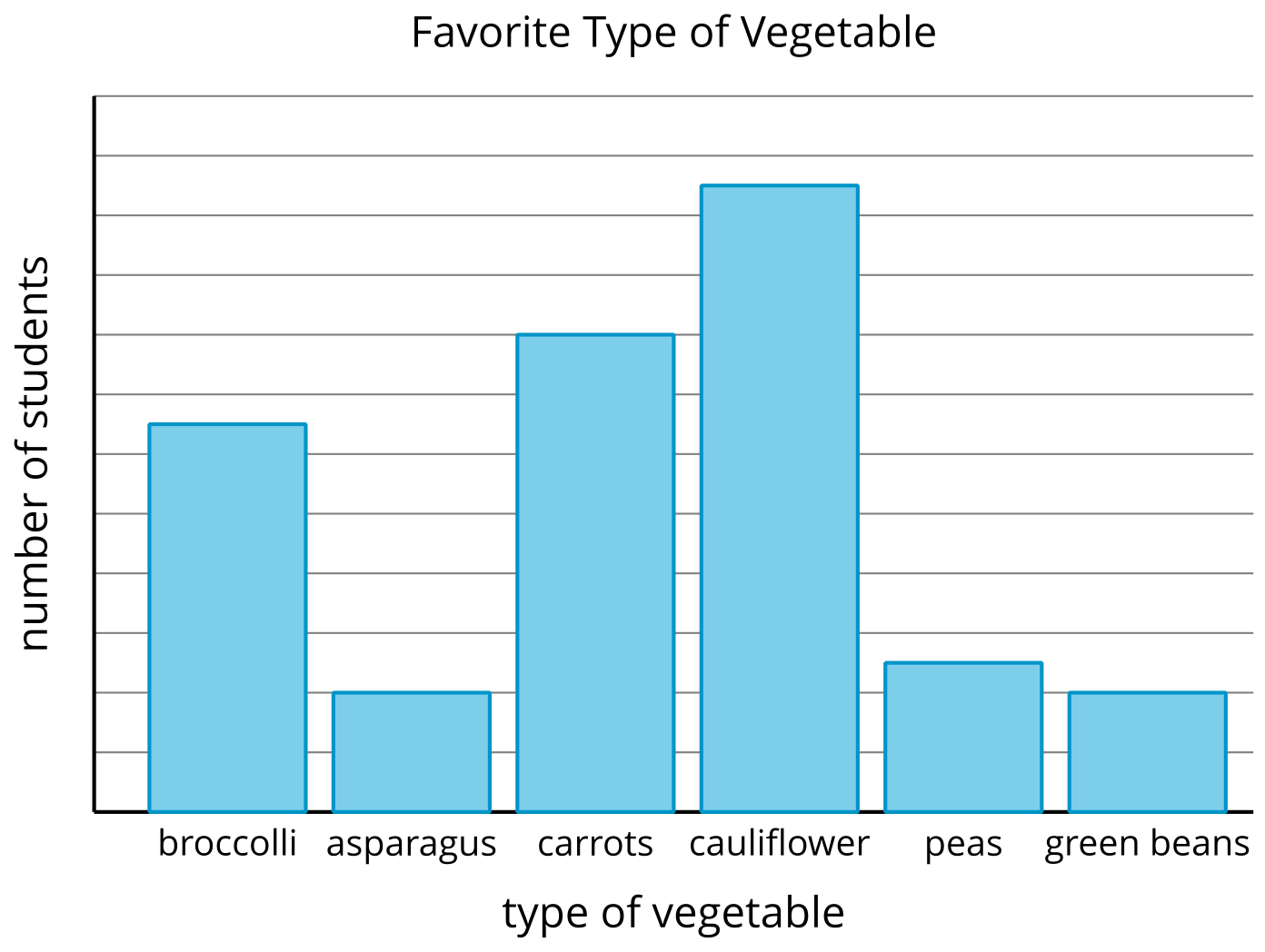
## Lesson 7: Graph and Answer

* 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?



### 7.1: 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

### 7.2: Ask and Answer Questions

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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