

# Guided Math: Unit 8, Lesson 5

## Essential Question

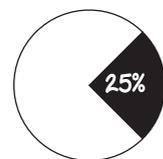
How can students interpret the data in a bar graph?

## Lesson Objective

Students will apply mathematical reasoning to solve problems by collecting, organizing, displaying, and interpreting data.

## Whole-Group Lesson

Introduce the bar graph to students. Focus on several key components of a bar graph, such as exposing students to various scales and understanding how to fill in and interpret a scale. Use the Bar Graph Blackline master as a guide and discuss how to interpret data on a bar graph.



## Lesson Discussion Questions

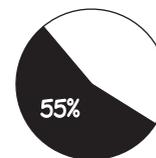
What is a bar graph? How does a bar graph express data? How is a bar graph used?

## Materials

- Bar Graph blackline master
- Bar Graphs Sport Cards
- Bar Graph Food Cards

## Small-Group Lesson

Use the Analyze Bar Graphs Practice Cards for further reinforcement with students. Once a group has mastered the bar graph, allow the group to construct their own bar graph and develop questions to ask each other.



## Remediate

Show mastery of concept and then allow for development of bar graphs and questions.

## On Level

Show mastery of concept and then allow for development of bar graphs and questions.

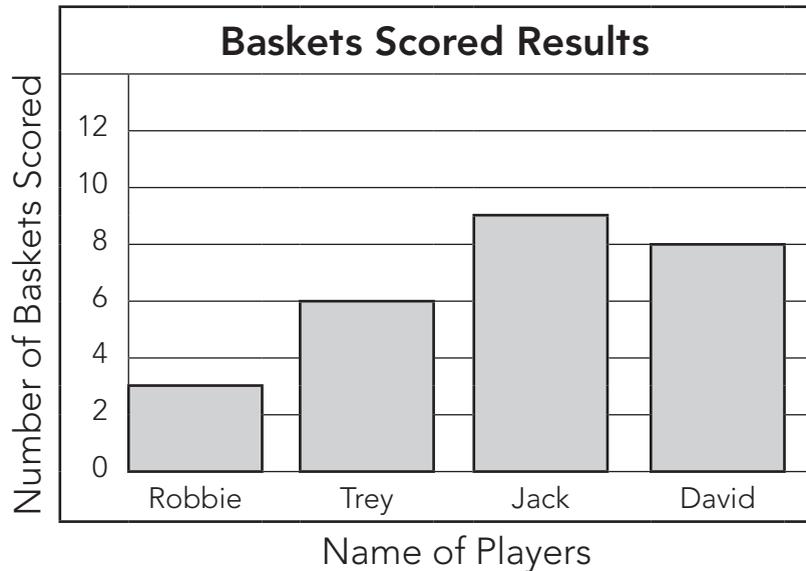
## Enrich

Show mastery of concept and then allow for development of bar graphs and questions.

# Bar Graph

A bar graph is used to \_\_\_\_\_ and \_\_\_\_\_ data.

Robbie, Trey, Jack, and David made a bar graph to compare the number of baskets they scored in their basketball season. Use the graph below to analyze the data and answer questions.



1. Analyze the bar graph and determine the number represented in each category.
2. How many points did Jack score?

Answer: \_\_\_\_\_

3. How many more points did David score than Robbie?

Answer: \_\_\_\_\_