GO MATH!
Chapter 10 – Data

Chapter Essential Question:
How do tally charts, picture graphs, and bar graphs help you solve problems?

Chapter Vocabulary:

bar graph – a graph that uses bars to show data   **picture graph –** a graph that uses pictures to show data
data – information collected about people or things   **survey –** a method of gathering information

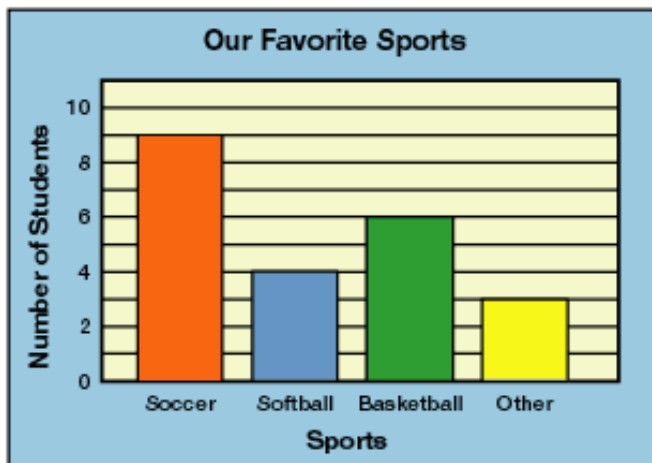## What should you know?

Collect Data
*You can take a survey to collect data. You can record data with tally marks.

Favorite Pets

Pet	Tally Marks	Number
(cat)	~~HHH~~ ~~HHH~~	10
(dog)	IIII	4
(hamster)	~~HHH~~ I	6

Read and Make Picture Graphs
*A picture graph uses pictures to show data.

Varities of Apples in a food store

(apple) = 10 apples   (half apple) = 5 apples

Read and Make Bar Graphs
*A bar graph uses bars to show data.

Our Favorite Sports

Problem Solving: Display Data

Be able to read a problem with data, and use the data to create a bar graph or pictograph.

Example: In a survey for favorite vegetables, 3 children chose squash, 4 children chose beans, 6 children chose corn, and 5 children chose carrots. Write labels and draw bars to complete the graph.

Favorite Vegetable

Number of Children