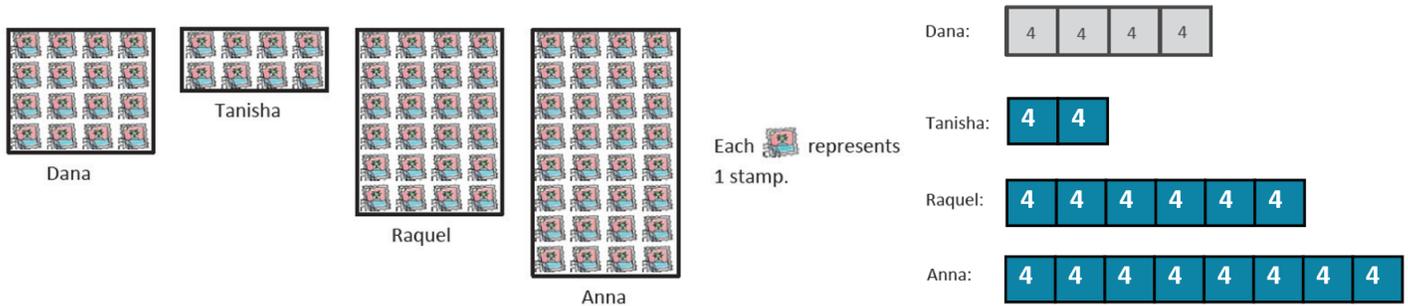# EUREKA MATH™ TIPS FOR PARENTS

KEY CONCEPT OVERVIEW

In Lessons 1 through 4, students work with charts and graphs to draw conclusions about data.

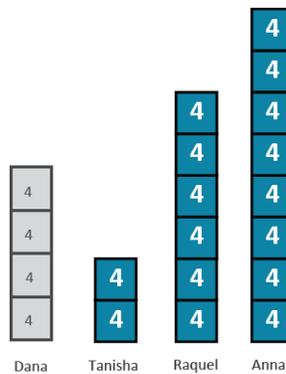You can expect to see homework that asks your child to do the following:

- Use a **tally chart** to complete a **picture graph**.
- Construct vertical tape diagrams.
- Create a **scaled bar graph** with given data (such as those from a tally chart) and answer questions about the data.
- Solve one- and two-step problems by using data displayed in a graph.

SAMPLE PROBLEMS *(From Lesson 2)*

1. Find the total number of stamps each student has. Draw tape diagrams with a unit size of 4 to show the number of stamps for each student. The first one (Dana) has been done for you.

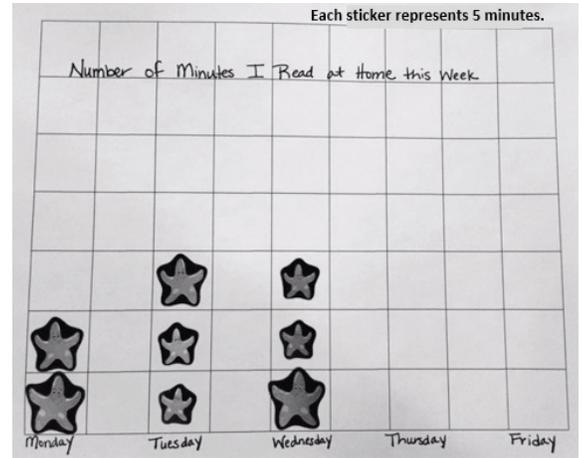2. Draw vertical tape diagrams by using the data from Problem 1.

Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

For more resources, visit » *Eureka.support*

HOW YOU CAN HELP AT HOME

- Help your child create a picture graph to hang on the wall or refrigerator. Ask your child to come up with a daily (or almost daily) activity, such as reading, playing sports, or practicing a musical instrument. Chart the number of minutes, in 5-minute intervals, that your child spends daily on the activity by using stickers on a handmade chart or drawing symbols, such as stars, in the boxes on grid paper.

  For example, your child could chart how many minutes she reads each day at home. (See image at right.) Since each sticker represents 5 minutes, she would put 3 stickers above "Tuesday" to show that she read for 15 minutes that day.
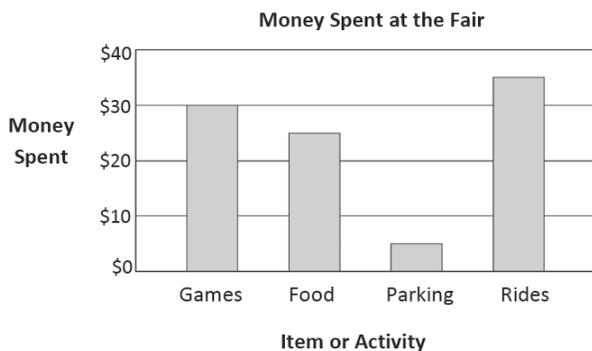
  Variation: Use interlocking blocks to represent a bar graph. Determine the value of each block (e.g., 1 block represents 5 minutes), and stack the blocks to show total time spent. Display the stacks in an area where your child will see them often as a reminder of her accomplishments!

TERMS

Picture graph: A graph showing categorical data with graphics to represent an amount.

MODELS

Scaled Bar Graph: A graph showing categorical data with bars and a number line that counts by a number other than 1.

Tally Chart: A chart that shows the number of times something occurs.

Favorite Pets	
Pets	**Number of Votes**
Cats	⁄⁄⁄⁄ ⁄
Turtles	⁄⁄⁄⁄
Fish	⁄⁄
Dogs	⁄⁄⁄⁄ ⁄⁄⁄
Lizards	⁄⁄