NAME   DATE
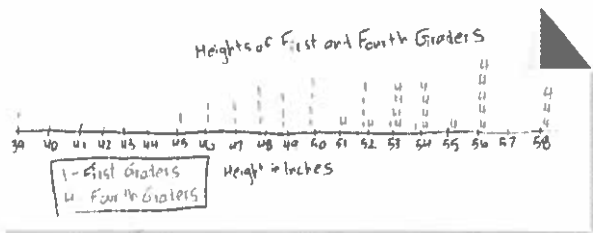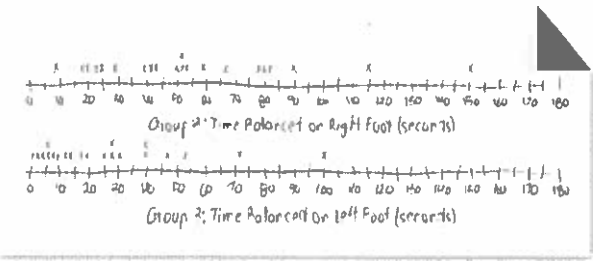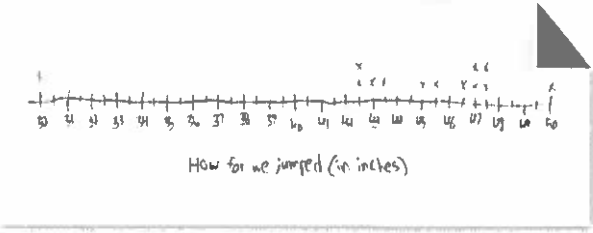
About the Mathematics in This Unit

Dear Families,

Our class is starting a new mathematics unit about modeling with data called *Generating and Representing Measurement Data*. During this unit, students collect, represent, describe, and interpret data.

Throughout the unit, students work toward these goals:

Benchmark/Goals	Examples
Use a line plot to organize, represent, and analyze data about two groups in order to compare the groups.	
Design a data question that involves measurement to compare two groups.	
Use a line plot to represent measurement data that includes fractions.	

Please look for more information and activities about Unit 2 that will be sent home in the coming week.

NAME   DATE

Related Activities to Try at Home

Dear Family,

The activities below are related to the mathematics in the data unit, *Generating and Describing Measurement Data*. You can use the activities to enrich your child's mathematical learning experience.

Data in the Media We live in an information-rich society, and it is important for students to begin to experience the variety of ways that information is communicated and represented in the world. As you are reading the newspaper or a magazine, point out various graphs and charts to your child. Talk about how you make sense of the data, what they mean, and why you are interested in them. This is an opportunity for you to show your child how graphs communicate important information to you and your family.

Investigate a Topic You and your child may also be interested in investigating a problem that you have noticed in your community. You might start by defining the problem and devising a plan to collect data about it. As a next step, you could collect the data and then organize and represent the results. As you work, you might think about who is an appropriate audience for your findings.

For example, one household collected data about the number of cars that passed by their house at rush hour compared with other times in the day. They made a series of recommendations to improve traffic safety in their neighborhood and circulated the recommendations to their neighbors and to the police department.