

Unit 7 Module 4 Session 3

Problems and Investigations-Surveys and Fractions

Getting Ready-

- TM T7- Circle Graph
- SB 253- Student Survey
- SB 254- Circle Graph Record Sheet
- Colored pencils or crayon for students
- Crayons or marking pens in 2 different colors
- 12 sticky notes

VOCABULARY

Category

Circle graph

Data

Fraction

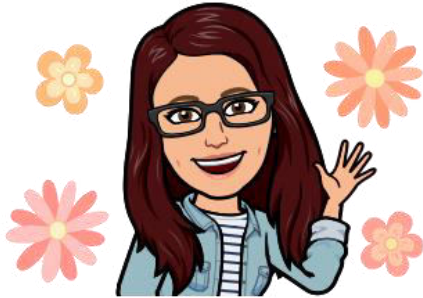
Legend

Sample group

Subgroup

survey

I
CAN



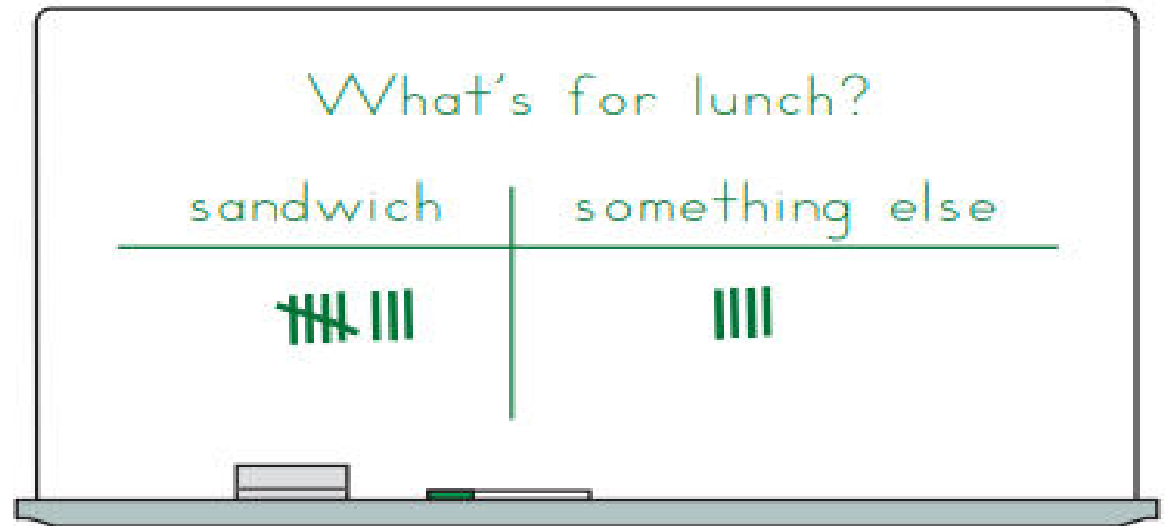
- Construct and analyze circle graphs
- Identify equivalent fractions by comparing their size

What do you know about surveys?

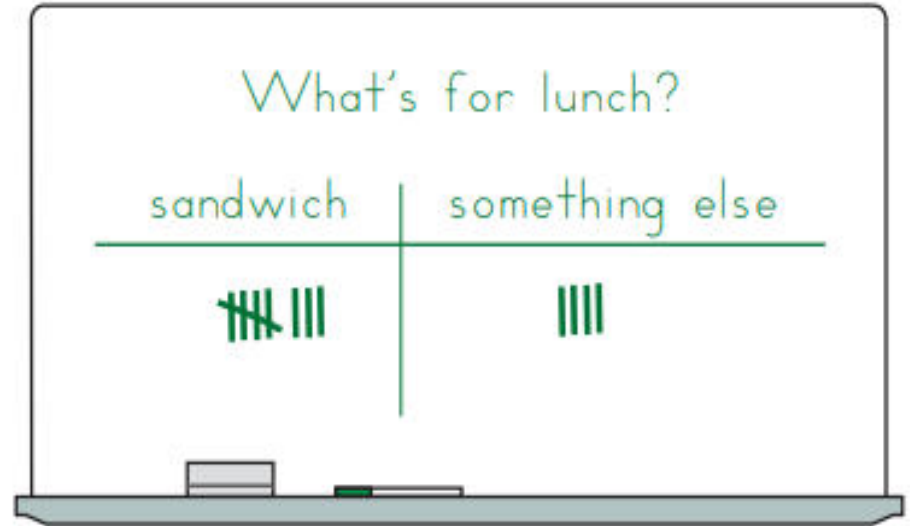
Your teacher wants to gather information about how many students like a sandwich for lunch or something else. How can she find out how many students like each if she doesn't have time to ask all the students?

The teacher could take answers from a **sample group** of students and put them in a chart.

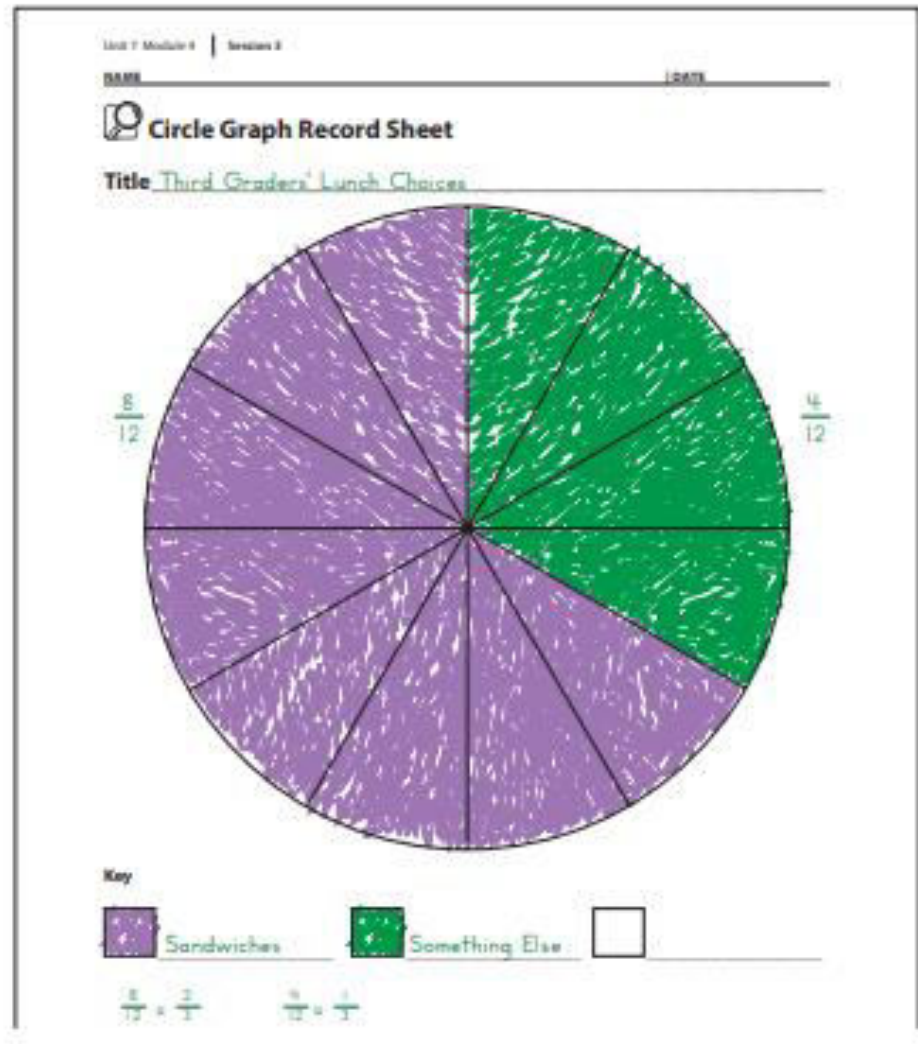
Sample Group-
small group of
students from the
whole class



Based on the data we've collected, could you make a prediction on which choice would probably get more tallies for the whole class?



What do you notice about our graph?



F2F -have students get SB pages 253 and 254 out of their workbooks. Fill out #1-2 together based on the next slide.

Remote-see next slide
Survey $\frac{1}{2}$ of the students and put tally marks at the bottom of the page
Fill in Circle Graph Sheet after collecting data

Student Survey

1. Here is the question I want to ask my classmates-

What kinds of books do you like to read?

1. Here are the answer choices

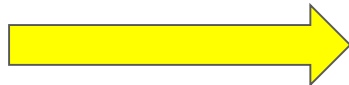
a. Fiction

b. Nonfiction

c. Other

3. Here are my predictions about the results of my survey

4. Ask exactly 12 classmates (or $\frac{1}{2}$ of students) your questions. Record answers below



Fiction	NonFiction	Other

Circle Graph recording sheet

We're your predictions correct?

Do we need to collect data from
everyone to get an accurate count?

Daily Practice

SB 255-Fraction Action

Home Connection

HC 137-138 Quadrilaterals & Fractions