Unit 2 Module 4 Session 1

Problems and Investigations-Book Lovers Survey

Getting Ready–

- ™ T1 Book Markers
- SB 66 Book Bar Graph
- 8" ½ by 14" Copy Paper (half class set)
- 3" by 3" Sticky Notes (class set)
- Scissors, Glue Sticks, Pencils, Rulers, Crayons (class sets)

Vocabulary

Bar graph

Picture graph

- Make a scaled picture graph and scaled bar graph to represent a data set with several categories

1. Choose your favorite type of book and write it on the sticky note

1. Stick your note next to the type you chose
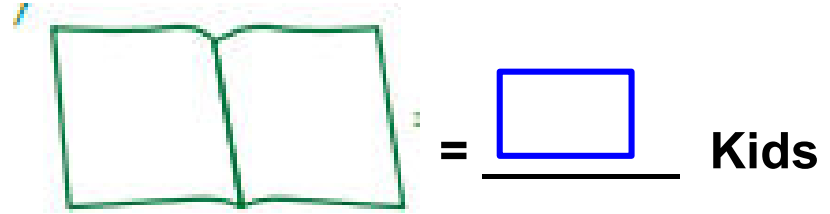
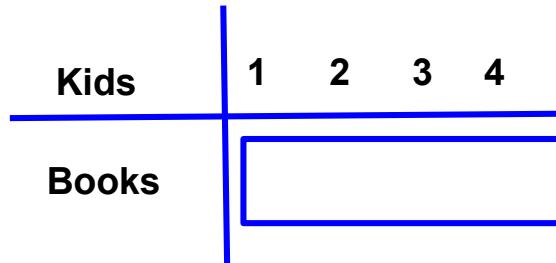Which of these 4 types of books do you like best?

Animal

Fantasy

Arts and Crafts

Sports

Pass out book sheet, sheet of copy paper, and supplies to partners.

📖 = _____ **Kids**

Key:
How many kids will one book represent?

Don't Forget

- A title
- Labels on both axes (the left side and the base)
- A key to show how many students each book stands for

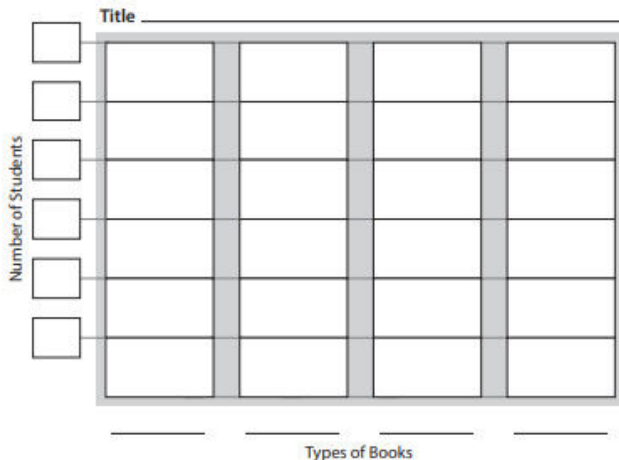| Kids	1	2	3	4
Books				

WORKBOOK PAGE 66 PLEASE

How can we transfer the data we collected on our books sheets to this bar graph?

Book Bar Graph

Title _____

Number of Students

Types of Books

Helpful words

<
=
>
more than
less than
equal
most
fewest
fewer
more
total
in all
same
different

1 Use words or numbers to write at least 4 observations about this graph. Include one word or mathematical symbol from the box in each observation.

2 Name one person who would find it helpful to see your graph. Explain why.

3 This kind of graph is called a bar graph. The other graph you made is called a picture graph. Which kind of graph do you think is easier for people to understand? Why?

Work Places

1G Target One Hundred

1H Anything But Five

2A Loops and Groups

2B Frog Jump Multiplication

2C Cover Up

2D Doubles Help

Daily Practice

SB 67 Favorite Books

Home Connection

HC 37-38 Favorite Pets