

Lesson 2-1 • Group 1

Reinforce Understanding

2.1 Small Group • Group 1

With my small group, I can tell the difference between a statistical question and a non-statistical question — one step at a time, with support.

Worked model

Is "How many minutes did you spend on homework last night?" a statistical question?

1. Ask: would different people give different answers to this question?
2. Picture real answers: 22 minutes, 47 minutes, 61 minutes. They are not all the same.
3. Answers that vary can be collected as data, so the question is statistical.

Answer: Yes. It is a statistical question because the answers vary from person to person.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Sort each question by type.

Write the name of the correct group on each line.

Groups: Statistical Question Not a Statistical Question

- _____ How many books did each student read this month?
- _____ What grade did each student earn on the test?
- _____ How many days are in a week?
- _____ What is the school mascot?

2. Decide if each question is statistical and explain why.

Complete the table. Show how you found each value.

Question	Statistical?	Why?
How many push-ups can each student do in one minute?		
How many sides does a basketball court have?		
How far does each player kick the ball?		

Show your work
