

Lesson 2-1 • Apply Day

Reinforce Understanding

Dot Plots and Shape

I can tell the difference between a statistical question and a non-statistical question.

Worked model

Twelve students named how many books they finished: 0, 2, 1, 2, 3, 2, 4, 1, 2, 3, 0, 2.

1. Draw a number line from 0 to 4 and label every whole number.
2. Stack one dot above a value for each student who gave that answer.
3. The tallest stack sits above 2, so 2 is the most common answer.
4. The line runs from the least value, 0, to the greatest value, 4.

Answer: The plot has one dot per student; 2 books is most common and the values run from 0 to 4.

Practice

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

1. Classify: “How many minutes did Maya read yesterday?”

Complete each step, then write the final answer.

1. Does the question expect different answers? ____.
2. Classify the question: ____.

Answer: _____

2. Classify: “How many minutes did each student practice music yesterday?”

Complete each step, then write the final answer.

1. Does the question expect different answers? ____.
2. Classify the question: ____.

Answer: _____

3. Classify: “How many minutes did Amina walk yesterday?”

Complete each step, then write the final answer.

1. Does the question expect different answers? ____.
2. Classify the question: ____.

Answer: _____