

Grade 4: Bar Graph Practice Worksheet : Difficulty Level : Intermediate

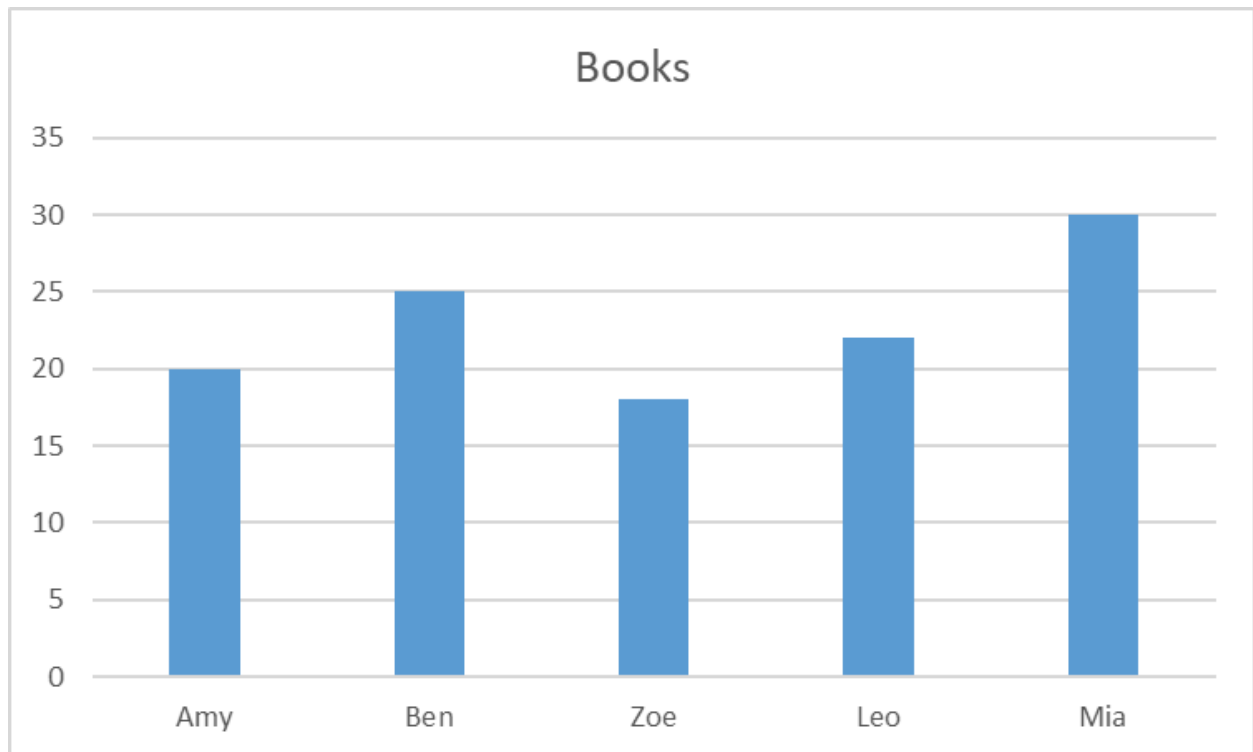
Name: _____

Date: _____

Part A: Reading and Interpreting a Bar Graph

1. Study the bar graph below and answer the questions.

The bar graph shows the number of books read by students in a reading competition.



Data:

- **Amy:** 20 books
- **Ben:** 25 books
- **Zoe:** 18 books
- **Leo:** 22 books
- **Mia:** 30 books

- Questions:** a) Who read the most books?
b) How many books did Zoe and Amy read together?
c) How many fewer books did Zoe read than Mia?
d) What is the total number of books read by all five students?
e) How many more books did Mia read compared to Ben?
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Part B: Creating a Bar Graph from Given Data

2. Use the data below to draw a bar graph representing the number of miles run by students during a school track event.

Student Name	Number of Miles Run
Chris	15
Alex	10
Natalie	20
Sam	12
Emma	18

Instructions:

- Label the x-axis as **Student Names** and the y-axis as **Number of Miles Run**.
 - Use a suitable scale for the y-axis and draw bars to represent the data accurately.
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Part C: Analyzing Your Bar Graph

3. Use the bar graph you created in Part B to answer the following questions.

- a) Who ran the second most miles?
b) What is the difference in miles run between Natalie and Chris?
c) How many miles did Alex and Sam run in total?
d) Who ran 8 more miles than Alex?
e) How many more miles did Emma run compared to Sam?
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Teacher's Note:

- **Objective:** This worksheet is aimed at helping students practice reading, interpreting, and drawing bar graphs at an intermediate level.
- **Tip:** Encourage students to choose a clear and appropriate scale for their graphs and to label axes and titles clearly.

—BE CHAMPION—