

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

Name: _____

Date: _____

Part A: Reading and Analyzing the Bar Graph

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

The bar graph below shows the number of books read by students from different classes over the course of a month.



Data:

- **Class 1:** 50 books
- **Class 2:** 80 books
- **Class 3:** 70 books
- **Class 4:** 90 books
- **Class 5:** 60 books

- Questions:** a) Which class read the most books?
b) How many more books were read by Class 4 than Class 1?
c) What is the total number of books read by all classes combined?
d) How many fewer books were read by Class 5 compared to Class 4?
e) What is the average number of books read by all the classes?
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Part B: Drawing Your Own Bar Graph

2. The following table shows the number of pets owned by students in a neighborhood. Create a bar graph using the data below.

Pet Type	Number of Students
Dogs	50
Cats	30
Rabbits	15
Fish	40
Birds	25

Instructions:

- Label the x-axis as **Pet Types** and the y-axis as **Number of Students**.
 - Choose an appropriate scale for the y-axis (for example, intervals of 5 or 10).
 - Draw the bars according to the data.
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Part C: Answering the Questions Based on Your Bar Graph

3. Use your bar graph to answer the following questions.

- a) Which pet is most commonly owned in the neighborhood?
b) How many more students own dogs compared to birds?
c) What is the total number of students who own rabbits and fish?
d) If 10 more students get cats, how many students would that be in total?
e) What is the difference in the number of students who own fish and rabbits?
f) What percentage of students own dogs?
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Teacher's Note:

- **Objective:** This worksheet helps students practice both reading bar graphs and creating them with larger data sets. It also focuses on calculations such as averages and percentages.
- **Tip:** Ensure students understand how to interpret and represent data accurately while maintaining neatness in their graphs.

—BE CHAMPION—