


Grade 4 Math: Advanced Pictograph Practice Worksheet

Name: _____

Date: _____

Part A: Understanding Pictographs

1. Read the pictograph below and answer the questions.


The pictograph shows the number of books read by students in a month. Each  represents 3 books.

Student Name	Books Read
Ethan	
Lily	
Noah	
Ava	
Mia	

Questions:





- How many books did Ethan read?
- How many more books did Lily read than Noah?
- What is the total number of books read by all students?
- If each student donated 2 books to the library, how many books were donated in total?

Part B: Create a Pictograph

2. Create a pictograph based on the data given below. Each symbol  represents 5 apples sold.

Fruit Type	Number of Apples Sold
Granny Smith	40
Red Delicious	35
Fuji	50
Gala	30

Draw the pictograph here:





Fruit Type	Number of Apples Sold
Granny Smith	
Red Delicious	
Fuji	
Gala	

Part C: Answer Based on the Pictograph You Created

3. Answer the questions below based on the pictograph you created.
- a) How many more apples were sold of Fuji compared to Gala?
 - b) How many apples were sold in total?
 - c) If each apple costs 2 dollars, how much money did the store make from selling all the apples?
 - d) Which type of apple was the most popular?

Part D: Interpret and Solve Real-Life Problems Using Pictographs

4. The following pictograph shows the number of different types of candies sold in a candy store. Each 🍬 symbol represents 10 candies.

Candy Type	Number of Candies Sold
Chocolate Bars	
Gummy Bears	
Lollipops	
Licorice	

Questions:

- How many chocolate bars were sold?
- How many more lollipops were sold than gummy bears?
- What is the total number of candies sold?
- If each candy is sold for 1.5 dollars, how much money did the store make from selling all the candies?

Teacher's Note:

- Encourage students to look closely at the key and symbols to ensure they understand how to convert symbols into numbers.
- The problems become more complex as they require students to not only interpret the data but also apply multiplication and addition for real-life calculations.

This Advanced Pictograph Worksheet helps students practice interpreting pictographs with more complex data, using larger numbers and applying real-world scenarios like money calculations.

— BE CHAMPION —