Bags by the Bar

Use sales data to make a plan.

4.P.2.4.A "Interpret and draw conclusions from economic data on charts and graphs."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Circle the two matching bar values, underline the bag price in the passage, and number the days from fewest to most bags sold. Give tied days the same number.

The Club's Bag Sale

1 At the school fall fair, a student club sold cloth lunch bags for $3 each. The club wants to decide how many bags to bring to its next five-day sale. Members recorded how many bags customers bought each day. Their chart shows bags sold, not the number of people who visited the booth.

CLOTH LUNCH BAG SALES



2 Read each bar by matching its day to the number it reaches. A taller bar means more bags were sold that day. Because every bag had the same price, days with the same number sold brought in the same amount of money. Money earned from sales is not the same as profit, since buying the bags costs money.

3 The club can use the chart to make a plan, but a plan is not a promise. A rainy day or a school event might change how many bags sell next time. The chart does not show the weather or why shoppers chose to buy. Use the numbers as evidence, and say what they cannot tell you.

2 ANSWER WITH EVIDENCE

Use the passage

1. Which day had the most bag sales? How does the chart show this?

2. How many more bags sold on Wednesday than on Monday? Use the bar values to show how you know.

3. Compare the money earned on Tuesday and Thursday. Explain your answer using the chart and the bag price.

4. Did the club sell more bags on the first two days or the last two days? How many more?

3 YOUR TURN

Your own words

Set a total-bag sales goal for the club's next five-day sale, and explain your choice using two numbers from the chart. Name one reason the chart cannot guarantee that goal.

ANSWER KEY

Bags by the Bar

GRADE 4 · 4.P.2.4.A

PART 1 · READ AND MARK

Circle the two matching bar values, underline the bag price in the passage, and number the days from fewest to most bags sold. Give tied days the same number. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Which day had the most bag sales? How does the chart show this?	**Friday had the most sales, with the tallest bar at 14 bags.**
2	How many more bags sold on Wednesday than on Monday? Use the bar values to show how you know.	**Wednesday had 12 sales and Monday had 6, so 6 more bags sold on Wednesday.**
3	Compare the money earned on Tuesday and Thursday. Explain your answer using the chart and the bag price.	**The club earned $27 on each day because it sold 9 bags on each day at $3 per bag.**
4	Did the club sell more bags on the first two days or the last two days? How many more?	**The club sold 15 bags on the first two days and 23 on the last two days, so it sold 8 more on the last two days.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

My goal is to sell 55 bags next week. Sales rose from 6 bags on Monday to 14 on Friday, so 55 bags in five days seems possible. The chart cannot show whether the weather will bring fewer customers next week.

Accept reasonable goals supported by two correct chart values. Students should name a factor the chart does not show, such as weather, school events, or the number of visitors.