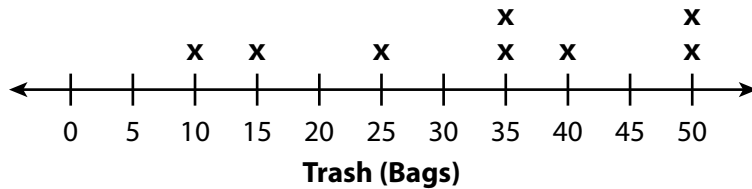


Ready® Mathematics**Lesson 23B Quiz****Solve the problems.**

- 1** The line plot shows the bags of trash collected at 8 parks during a park cleanup event. What is the mode? Explain your thinking.

Trash Collected at Parks

- 2** The data show the number of photos six friends have on their phones. Find the median number of photos on the phones.

28, 39, 24, 19, 26, 28

Show your work.

Answer: _____ photos

- 3** The number of kilometers Jin ran each day last week is shown below. Jin says the mean distance is 2.3 kilometers.

3.0, 2.3, 4.2, 1.5, 2.0

Jin is not correct. What does he need to do to find the mean distance?



Lesson 23B Quiz continued

- 4 The table shows the cost of six animal posters at an art shop.

Cost of Animal Posters

Poster	1	2	3	4	5	6
Cost (\$)	\$15	\$12	\$14	\$24	\$14	\$11

Part A

Find and then describe the mean, median, and mode of the data.

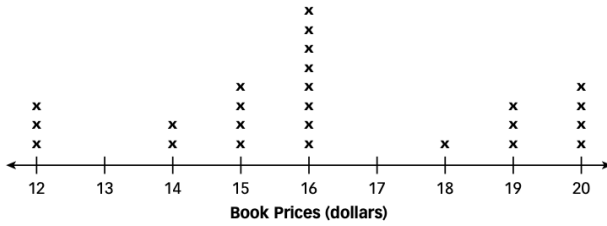
Show your work.

Part B

The art shop sold out of one poster. The mean, median, and mode of the remaining data did not change. Which poster was sold out at the shop? Explain your answer.

Answer: _____

Use the data in the line plot to solve problems 5–11.



- 5 What is the mode of this data set? _____
- 6 How many books were purchased? _____
- 7 What is the lowest price of a book? _____
- 8 What is the highest price of a book? _____
- 9 What is the median book price? _____
- 10 What is the mean price of the books? _____
- 11 How would the mean change if a book priced at \$17 was included? How would the median price change?
