

What is Typical?

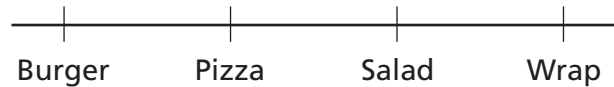
NCTM Standards 1, 5, 6, 7, 8, 9, 10

Before opening a restaurant, Charlie conducted a survey to determine what type of food to serve, and to what age group of the population.

- 1 Use the results of his survey to complete the graph.

FOOD PREFERENCES	
Age	Preference
10	Burger
21	Pizza
8	Wrap
18	Pizza
25	Salad
37	Salad
51	Wrap
15	Salad
28	Salad
49	Burger
12	Burger
8	Burger
14	Salad


FOOD PREFERENCES



- 2 Which food item is the mode? _____

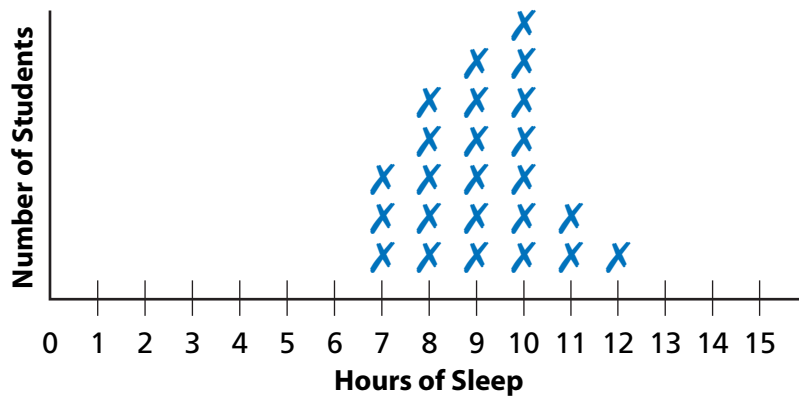
- 3 Arrange the ages in order from least to greatest.
- _____

- 4 What is the median age of respondents? _____

- 5  Charlie only wants to offer three items on his menu. Which item do you think he should not include?
- _____
- _____

Use the graphs to answer the questions.

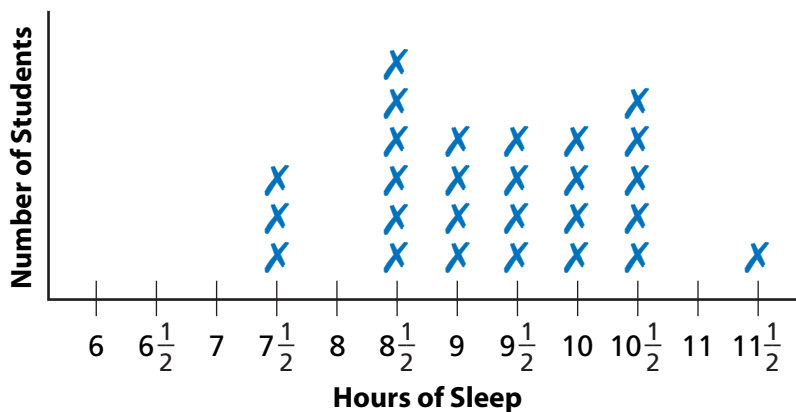
MR. B'S FIRST 5TH GRADE SLEEP SURVEY



- 6 What is the minimum number of hours of sleep reported? _____
- 7 What is the maximum number of hours of sleep reported? _____
- 8 What is the range of hours of sleep for these students? _____
- 9 What is the mode? _____
- 10 What is the median? _____

A new graph was made to be more specific about the amount of time students spent sleeping.

MR. B'S SECOND 5TH GRADE SLEEP SURVEY



- 11 What is the range of hours of sleep now? _____
- 12 What is the mode? _____
- 13 What is the median? _____

14 Challenge Explain whether the old or new mode or median is more accurate.
