



★ Guided Practice ★

In 1 and 2, use the data set to answer the questions.

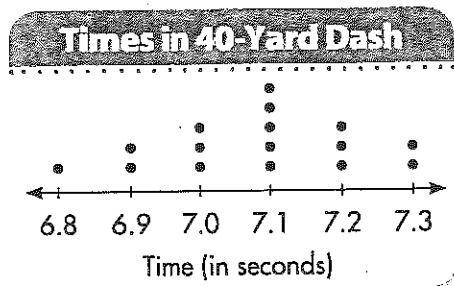
1. Mr. Rice's students ran a 40-yard dash in the following times, in seconds.

6.8 7.3 7.1 7.0 7.2 7.3 7.0 6.9

6.9 7.1 7.1 7.2 7.1 7.0 7.1 7.2

How many race times are recorded?

2. Use the dot plot that shows the data.



Which speed occurred most often?

3. Are there any outliers in the data set used in Exercises 1 and 2? Explain.

4. Communicate Describe any patterns in the dot plot in Exercise 2.

5. In the example on page 800, do any values occur the same number of times? Explain.

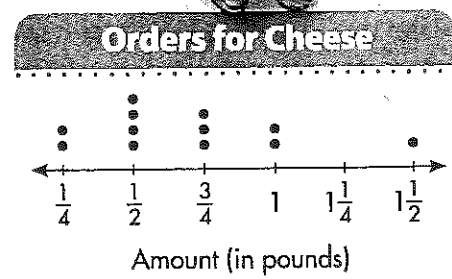
★ Independent Practice ★

In 6 through 8, use the dot plot to answer the questions.

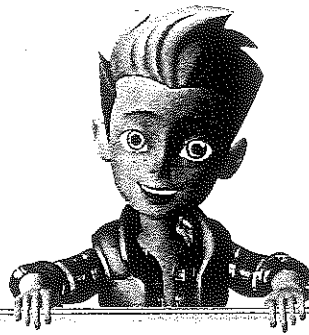
6. How many orders for cheese does the dot plot show?

7. Which amount of cheese was ordered most often?

8. How many more orders were there for $\frac{3}{4}$ pound or less of cheese than for 1 pound or more of cheese?



Problem Solving



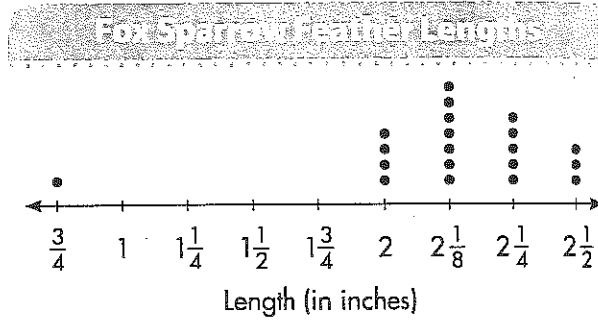
For 9 through 11, use the data set and dot plot.

9. Jerome studied the feather lengths of some adult fox sparrows. How long are the longest feathers in the data set?

10. Analyze Information How many feathers are $2\frac{1}{8}$ inches or longer? Explain.

Fox Sparrow Feather Lengths (in inches)				
$2\frac{1}{4}$	$2\frac{1}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
2	$2\frac{1}{4}$	$\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{1}{8}$
$2\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{1}{2}$
$2\frac{1}{8}$	$2\frac{1}{8}$	$2\frac{1}{8}$	2	$2\frac{1}{8}$

11. Extend Your Thinking Jerome discovered he had made an error when he measured one of the feathers. Which data value could be the error? Explain.



12. Reason How can you find the value that occurs most often by looking at a dot plot?

13. Draw a Picture Draw and label a rectangle with a perimeter of 24 inches.

14. Use the information shown in the dot plot. How many bags have more than 3 and fewer than 6 potatoes?

- A 7 bags
- B 11 bags
- C 13 bags
- D 16 bags

