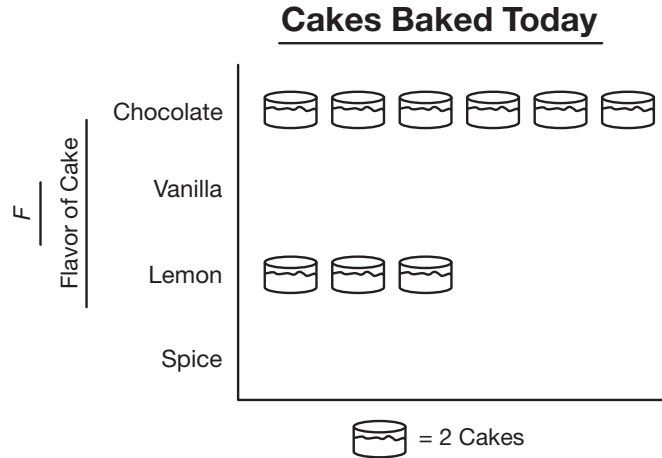


# Picture Graphs

1. Linda's mom is a baker. Linda decided to use a picture graph to show the different flavors of cake her mother baked during a day. Linda finished her data table but forgot to finish the graph. Use the information in the data table to finish the picture graph.

**Cakes Baked Today**

<i>F</i> Flavor of Cake	<i>N</i> Number of Cakes Baked
Chocolate	12
Vanilla	10
Lemon	6
Spice	2



2. What scale did Linda use to make her picture graph? \_\_\_\_\_
3. **A.** How many cake symbols did you have to draw on the graph to show 10 vanilla cakes?

\_\_\_\_\_

- B.** Show or tell how you know.

4. Write a number sentence to show the difference between the number of chocolate cakes Linda's mom baked and the number of spice cakes she baked.

\_\_\_\_\_

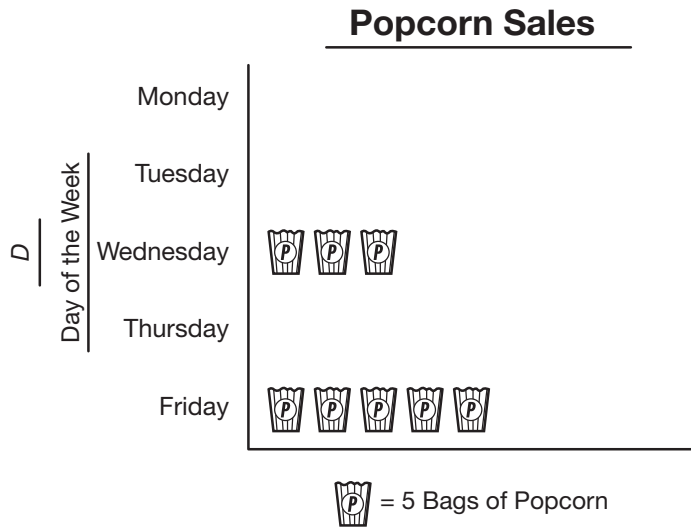


## Check-In: Questions 5–10

5. The students in third grade were selling popcorn to raise money. They started to draw a data table and a picture graph to show how many bags of popcorn they sold each day. Use the information below to complete the missing parts of the data table and picture graph.

**Popcorn Sales**

<i>D</i> Day of the Week	<i>N</i> Number of Bags Sold
Monday	10
Tuesday	20
Wednesday	
Thursday	5
Friday	



Use your graph and data table to answer the following questions.

6. **A.** How many popcorn bag symbols did you need to draw on the graph to show the number of bags sold on Tuesday? \_\_\_\_\_
- B.** Show or tell how you know.
- 
7. **A.** How many bags of popcorn did the students sell on Friday? \_\_\_\_\_
- B.** Show or tell how you know.

**8. A.** How many bags of popcorn did the students sell on Monday and Tuesday?

\_\_\_\_\_

**B.** How does the total for Monday and Tuesday compare to the amount sold on Friday?

\_\_\_\_\_

**C.** Show or tell your thinking.

**9. A.** Write a number sentence to show how many bags of popcorn the students sold during all five days.

\_\_\_\_\_

**B.** Show or tell how to use your graph to answer Question 9A.

**10.** The students decide to sell popcorn during a second week.

**A.** Predict the day of the week that will have the most sales.

\_\_\_\_\_

**B.** Show or tell how you know.

**Picture Graphs  
Check-In: Questions 5–10  
Feedback Box**

	Expectation	Check In	Comments
Draw scaled picture graphs from a table. [Q# 5]	E2		
Read a table or scaled graph to find information about a data set. [Q# 5–6]	E3		
Make predictions and generalizations about a population from a sample using data tables and graphs. [Q# 10]	E4		
Solve one- and two-step problems using data in scaled picture graphs. [Q# 7–9]	E5		

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