

# Worksheet 1 Making Bar Graphs with Scales

Study the picture graph. Then complete.



# Complete.

Name:



Name:	
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Date: \_\_\_\_\_

### Complete the graph.



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Name: .

6

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3.

Kind o	of Food		Pizzo	a	Pas	sta	S	alad	Sandwich
Numb	er of Peo	ple	12		8	3	16 2		20
	к	ind o	f Food f	for Lu	unch				
22									
20-									
18-		_							
16		_							
<b>e</b> 14		_							
<b>e</b> 12		_	-						
<b>0 1</b> 0 +		_		-					
- 8-		_							
-									

Kind of Food

Pasta

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#### Complete the table.



#### Name:

**4.** Count the number of insects. Then complete the table.



Kind of Insect	Butterfly	Bee	Dragonfly	Grasshopper
Number of Insects				

**5.** Use the table in Exercise 4 to complete the bar graph.



### Use the data given to complete the bar graph.

Ali sells 90 sacks of rice.
Bonita sells 60 more sacks of rice than Ali.
Charlie sells 30 more sacks of rice than Bonita.



# Worksheet 2 Reading and Interpreting Bar Graphs

The bar graph shows the number of people who went to the circus in a week.



Name:

Name:
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#### Date: \_\_\_\_\_

# Use the bar graph on the previous page to answer questions 1 through 8.

- **1.** How many people went to the circus on Monday?
- 2. How many people went to the circus on Friday?
- 3. On which day did 100 people go to the circus?
- **4.** On which day did 160 people go to the circus?
- 5. On which day did the least number of people go to the circus?
- 6. On which day did the greatest number of people go to the circus?
- **7.** How many more people went to the circus on Friday than on Wednesday?
- 8. How many fewer people went to the circus on Monday than on Thursday?



# The bar graph shows the number of coins collected by Cheryl.

### Use the bar graph to answer questions 9 through 15.

- **9.** Cheryl collected <u>dimes.</u>
- **10.** She collected \_\_\_\_\_ 50¢ coins.
- **11.** She collected 50 \_\_\_\_\_.
- **12.** The coin she collected the least of is the
- **13.** The coin she collected the most of is the

- Nickel 5¢ coin
- Dime 10¢ coin
- Quarter 25¢ coin
- Half dollar 50¢ coin



# 14. She collected \_\_\_\_\_\_ fewer nickels than quarters.

15. She has twice as many \_\_\_\_\_ as \_\_\_\_\_

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### Ken's uncle has a fruit orchard.

There are 45 orange trees. There are twice as many apple trees as orange trees. There are 45 more mango trees than apple trees. There are 30 fewer guava trees than mango trees.

**16.** Use the data to help Ken complete the bar graph.



### Use the bar graph to answer questions 17 through 21.

17. How many apple trees are there? \_\_\_\_\_

**18.** How many guava trees are there? \_\_\_\_\_

**19.** The greatest number of trees are \_\_\_\_\_\_ trees.

- **20.** The least number of trees are \_\_\_\_\_\_ trees.
- **21.** How many more orange trees must be planted so that the number of orange trees and the number of guava trees are the same?

# Worksheet 3 Line Plots

### Complete the tally chart. Then use the data in the tally chart to make a line plot.

#### Example —

The tally chart shows the number of points scored by some students in a math quiz.



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The tally chart shows the number of books read by some students in February.

### Complete the tally chart.

1.

Number of Books Read	Tally	Number of Students
3		4
4	-###- 1	
5	-##	
6	///	

## Use the data in the tally chart to complete the line plot.

2.



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### Use the data in the line plot to answer the questions.

- 3. What does each X on the line plot stand for? \_\_\_\_\_
- **4.** How many students read 4 books in February?

\_\_\_\_\_ students

5. How many students read more than 4 books in February?

\_\_\_\_\_ students

**6.** What is the greatest number of books read by any student in February?

\_\_\_\_\_ books

7. How many students were surveyed?

\_\_\_\_\_ students



Name:

Andy counted the erasers in different boxes.

### Use the data in the line plot to answer the questions.



8. What does each X on the line plot stand for? \_\_\_\_\_

9. How many boxes contain 13 erasers? \_\_\_\_\_ boxes

**10.** What is the most common number of erasers per box?

\_\_\_\_\_ erasers

**11.** How many boxes were counted?

\_\_\_\_\_ boxes