

# SCUBA ECONOMICS

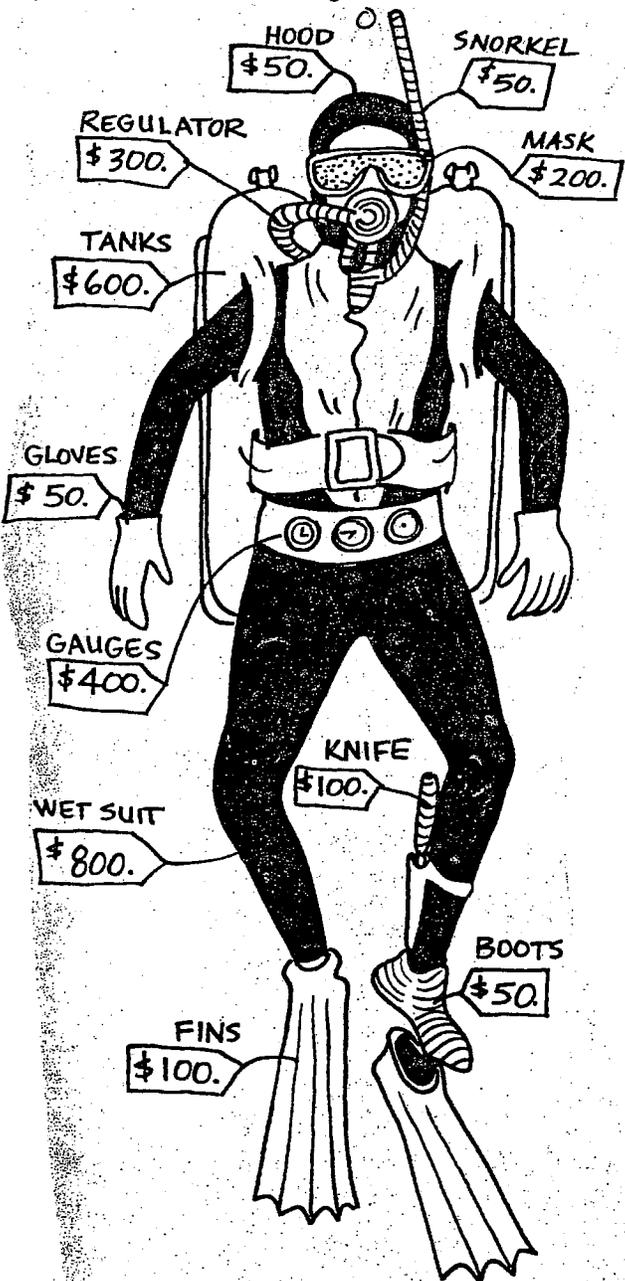
Name \_\_\_\_\_

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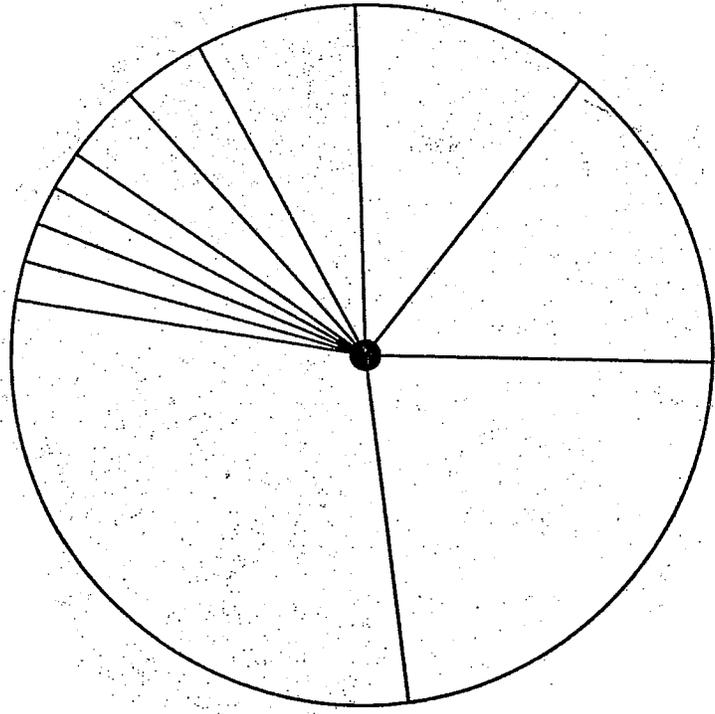
Period \_\_\_\_\_

## CIRCLE GRAPHS

Look at the price for each piece of clothing or equipment. Decide which piece of the graph represents that amount. Express the amount as a percent and write the name and percent of the item in the correct circle wedge. Color each wedge a different color.



Before you start your scuba diving lessons, you probably should stop by the bank. Like many sports, scuba diving is expensive. Get a look at some of the prices Samantha paid for her equipment. Use the data beside the surfer to complete the circle graph. The graph will show how the \$2600 she spent was used.

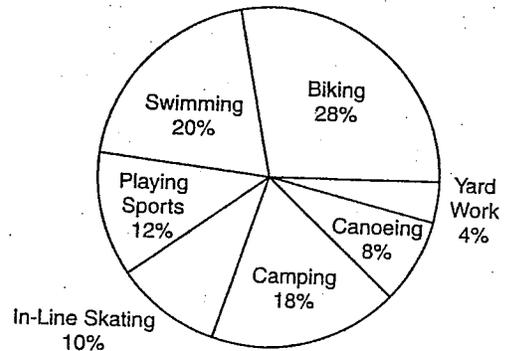


# Practice

# 7.5

Name \_\_\_\_\_

In Exercises 1–3, use the circle graph at the right. It shows the results of a survey in which 200 middle school students were asked to name their favorite summer time activity.



1. How many students chose biking?
2. How many more students chose swimming than camping?
3. How many times as many students chose playing sports as chose yard work?

In Exercises 4 and 5, make a circle graph of the data.

4. The percents of sales of recorded music in the United States in 1995 classified by type are: rock (33.5%), country (16.7%), popular (10.1%), urban contemporary (11.3%), Rap (6.7%), classical (2.5%), jazz (3.0%), gospel (3.1%), other (12.7%). (Source: *Universal Almanac, 1997*)
5. The percents of energy consumption in the United States in 1994 classified by source of fuel are: petroleum products (39.2%), natural gas (23.9%), coal (22.1%), nuclear power (7.7%), hydroelectric (3.5%), other (3.6%). (Source: *Universal Almanac, 1997*)

In Exercises 6–8, use the table at the right. It shows both the percents of land coverage and population of all seven continents of the world as of 1992. (Source: *Universal Almanac, 1997*)

Continent	Land Coverage	Population
Africa	20.4%	12.1%
Antarctica	8.9%	0%
Asia	30.0%	61.2%
Australia	5.2%	0.3%
Europe	7.1%	12.6%
North America	16.3%	8.1%
South America	12.0%	5.5%

6. Make circle graphs of both land coverage by continent and population by continent.
7. The total land coverage of the world is 57,308,757 square miles. Find the area of the continent with the largest land coverage.
8. The world population was 5,420,391,000 in 1992. Determine the approximate population of North America in 1992.