

5-1**Word Problem Practice****Ratios and Percents**

<p>1. PETS Three out of every 20 dogs in the U.S. are Golden Retrievers. Write this ratio as a percent.</p>	<p>2. GEOGRAPHY About 29% of the world's surface is covered by land. Write this percent as a fraction.</p>
<p>3. BASKETBALL Shaquille O'Neal of the L.A. Lakers hit 11 out of 20 free throws in a 5-game series. Write this number as a percent.</p>	<p>4. EDUCATION In 2003, about 38% of 18- to 24-year-olds in the United States were enrolled in a college or university. Write this percent as a fraction.</p>
<p>5. HEALTH CARE In 2004, over 15% of Americans did not have health insurance. Write this percent as a fraction.</p>	<p>6. ENERGY In 2003, Japan accounted for about 5.4% of the world's petroleum consumption. Write this percent as a fraction.</p>
<p>7. GEOGRAPHY The federal government owns about $\frac{13}{20}$ of the land in the state of Utah. Write this fraction as a percent.</p>	<p>8. POPULATION In 2000, 11 out of every 50 people in the United States were age 65 or older. Write this ratio as a percent.</p>

5-2**Word Problem Practice****Comparing Fractions, Decimals, and Percents**

1. BASKETBALL In the 2005 season, Susan Bird of the WNBA team the Seattle Storm made 43% of her 3-point shots. Write this percent as a decimal.

2. POPULATION From 2000 to 2004, the population of New York City increased by 2%. Write this percent as a decimal.

3. BASEBALL In the 2005 season, the Chicago White Sox had a team batting average of 0.262. Write this decimal as a percent.

4. HEALTH In 2003, 15.6% of Americans were without health insurance. Write this percent as a decimal.

5. INTERNET Internet access in the U.S. has increased dramatically in recent years. In 2003, 110 out of every 200 households had Internet access. What percent of households had Internet access?

6. VOTING The rate of voter turnout in the 1932 U.S. presidential election was 0.524. Write this decimal as a percent.

7. ECONOMICS Consumer prices in the U.S. rose at a rate of 0.033 from 2003 to 2004. Write this decimal as a percent.

8. SPORTS In the 2005 season, the WNBA Indiana Fever won $\frac{21}{34}$ of their games. Write this fraction as a percent.