## 5-1 Skills Practice: *Ratios & Percents*                    **Math8**

1.  **Write each ratio or fraction as a percent.**

    **a.** 47 out of 100

    **b.** 115 per of 100

    **c.** $\dfrac{33}{50}$

    **d.** $\dfrac{11}{25}$

    **e.** 9 out of 20

    **f.** 85 out of 500

    **g.** 3:5

    **h.** 3:10

2.  **Write each percent as a fraction in simplest form.**

    **a.** 19%

    **b.** 53%

    **c.** 30%

    **d.** 80%

    **e.** 55%

    **f.** 48%

    **g.** 84%

    **h.** 95%

3.  **GOVERNMENT:** Two out of 100 U.S. Senators are from Utah. Write this ratio as a percent.

4.  **ARCHITECTURE:** Four out of the world's 25 tallest buildings are located in Hong Kong. Write this ratio as a percent.

5.  **POPULATION:** According to a recent census, the population of Montana is about 0.3% of the United States population. Write this percent as a fraction in simplest form.

6.  Which is greatest: $\dfrac{3}{4}$, 19:25, or 74%? Explain your reasoning.

7.  **ENERGY:** Japan accounts for about 5.4% of the world's petroleum consumption. Write this percent as a fraction.

8.  **GEOGRAPHY:** The federal government owns $\dfrac{13}{20}$ of the land in the state of Utah. Write this fraction as a percent.