Lesson 4 Homework Practice

Percents Greater Than 100% and Percents Less Than 1%

Write each percent as a decimal and as a mixed number or fraction in simplest form.

1. 225%   **2.** 550%   **3.** 300%   **4.** 800%

5. 0.8%   **6.** 0.06%   **7.** 0.45%   **8.** 0.02%

Write each decimal as a percent.

9. 7.2   **10.** 12   **11.** 4.56   **12.** 1.04

13. 0.001   **14.** 0.008   **15.** 0.0078   **16.** 0.0092

Write each mixed number or fraction as a percent.

17. $4\frac{1}{2}$ **18.** $8\frac{1}{4}$ **19.** $\frac{1}{250}$ **20.** $\frac{3}{400}$

Write each percent as a decimal.

21. $\frac{3}{8}\%$ **22.** $\frac{7}{10}\%$ **23.** $\frac{17}{20}\%$ **24.** $\frac{13}{25}\%$

25. ATMOSPHERE Helium gas accounts for less than 0.01% of Earth's atmospheric gases. Write this percent as a decimal and as a mixed number or fraction in simplest form. Then interpret its meaning.

26. STOCKS The stock of a particular company skyrocketed 1,550% in a one-month period. Write this percent as a decimal and as a mixed number. Then interpret its meaning.

27. ANALYZE TABLES Refer to the table shown.

   a. Write the percent of Venus's diameter compared to the Sun's diameter as a decimal.

   b. Which planet's diameter is approximately $\frac{1}{200}$ of the Sun's diameter? Explain.

Diameter Size Compared to the Sun's Diameter	
Planet	**Percent**
Mercury	0.35%
Venus	0.87%
Earth	0.92%
Mars	0.49%