

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%