Lesson 5.1 Extra Practice

Write the percent as a decimal or the decimal as a percent. Use a model to represent the number.

1. 81% **2.** 0.91 **3.** 5% **4.** 8%

5. 0.3% **6.** 78% **7.** 0.167 **8.** 0.293

9. 3.82 **10.** 210% **11.** 100.8% **12.** 0.125

13. Your friend writes 1.475% as a decimal. Is your friend correct? Explain your reasoning.

$$1.475\% = 1.475\% = 147.5$$

Write the fraction as a decimal and a percent.

14. $\frac{1}{4}$ **15.** $\frac{4}{3}$ **16.** $\frac{3}{5}$ **17.** $\frac{7}{10}$

18. $\frac{1}{150}$ **19.** $\frac{7}{25}$ **20.** $\frac{2}{11}$ **21.** $\frac{14}{5}$

22. $\frac{5}{9}$ **23.** $\frac{13}{20}$ **24.** $\frac{2}{25}$ **25.** $\frac{10}{3}$

26. Fifty-four percent of the students in your class have moved at least one time. Write this percent as a decimal.

27. Only 0.15 of the total number of vehicles in your school parking lot are buses. What percent of the vehicles are buses?

28. You spent 0.88 of your allowance this week. What percent of your allowance did you spend?

29. On a history test, you get $\frac{43}{50}$ of the possible points. Write a decimal and a percent that represent your score.

30. Of the fluid that you drink on a typical day, $\frac{1}{10}$ is milk and 50% is water. How many times more water do you drink than milk?