

Practice 6-3

Percents Greater Than 100% or Less Than 1%

Classify each of the following as: (A) less than 1%, (B) greater than 100%, or (C) between 1% and 100%.

1. $\frac{1}{2}$ _____
2. $\frac{4}{3}$ _____
3. $\frac{2}{300}$ _____
4. $\frac{3}{10}$ _____
5. 1.03 _____
6. 0.009 _____
7. 0.635 _____
8. 0.0053 _____

Use $>$, $<$, or $=$ to compare the numbers in each pair.

9. $\frac{1}{4}$ 20%
10. $\frac{1}{2}\%$ 50
11. 0.008 8%
12. 150% $\frac{5}{4}$
13. 3 300%
14. $\frac{7}{250}$ 0.3%

Write each fraction as a percent. Round to the nearest tenth of a percent if necessary.

15. $\frac{7}{5}$ _____
16. $\frac{137}{100}$ _____
17. $\frac{0.8}{100}$ _____
18. $\frac{21}{4}$ _____
19. $\frac{17}{10}$ _____
20. $\frac{65}{40}$ _____
21. $\frac{37}{20}$ _____
22. $\frac{7}{500}$ _____
23. $\frac{9}{8}$ _____

Write each decimal as a percent.

24. 0.003 _____
25. 1.8 _____
26. 0.0025 _____
27. 5.3 _____
28. 0.0041 _____
29. 0.083 _____
30. 0.0009 _____
31. 0.83 _____
32. 20 _____

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

33. 175% _____

34. 120% _____

35. $\frac{2}{5}\%$ _____

36. $\frac{5}{8}\%$ _____

37. 750% _____

38. $8\frac{1}{4}\%$ _____

39. In 1990, the population of Kansas was 2,477,574, which included 21,965 Native Americans. What percent of the people living in Kansas were Native Americans?

40. The mass of Earth is $\frac{1}{318}$ of the mass of Jupiter. What percent is this?
