NAME _____ DATE _____ PERIOD _____

Lesson 1 Homework Practice

Decimals and Fractions

Write each decimal as a fraction in simplest form.

1. 0.5

2. 0.8

3. 0.9

4. 0.75

5. 0.48

6. 0.72

Write each decimal as a mixed number in simplest form.

7. 3.6

8. 10.4

9. 2.11

Write each fraction or mixed number as a decimal.

10. $\frac{7}{8}$

11. $\frac{7}{20}$

12. $\frac{13}{250}$

13. $\frac{7}{5}$

14. $9\frac{29}{40}$

15. $7\frac{29}{80}$

Lesson 2 Homework Practice

Percents and Fractions

Write each percent as a fraction in simplest form.

16. 60%

17. 16%

18. 4%

19. 35%

20. 10%

21. 1%

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Write each fraction as a percent.

22. $\frac{6}{10}$ **23.** $\frac{8}{20}$ **24.** $\frac{8}{10}$

25. $\frac{3}{4}$ **26.** $\frac{7}{100}$ **27.** $\frac{4}{100}$

Lesson 3 Homework Practice

Percents and Decimals

Express each percent as a decimal.

28. 29% **29.** 63% **30.** 4% **31.** 9%

32. 48% **33.** 16% **34.** 10% **35.** 32%

Express each decimal as a percent.

36. 0.45 **37.** 0.12 **38.** 0.68 **39.** 0.73

40. 0.2 **41.** 0.7 **42.** 0.95 **43.** 0.46

Replace each ● with <, >, or = to make a true sentence.

44. 26% ● 0.3 **45.** 0.9 ● 9% **46.** 4.7 ● 47%

47. **ANALYZE TABLES** A batting average is the ratio of hits to at bats. Batting averages are expressed as a decimal rounded to the nearest thousandth. Show two different ways of finding how much greater Derek Jeter's batting average was than Jorge Posada's batting average. Express as a percent.

New York Yankees, 2009 Batting Statistics	
Player	**Batting Average**
Derek Jeter	0.334
Alex Rodriguez	0.286
Jorge Posada	0.285
Hideki Matsui	0.274