Name _____ Class _____ Date _____

Practice 5-2   **Fractions and Decimals**

Write as a fraction or mixed number in simplest form.

1. 0.4 _____

2. 0.75 _____

3. 0.16 _____

4. 2.34 _____

5. 0.09 _____

6. 8.8 _____

Write each fraction or mixed number as a decimal.

7. $\frac{17}{20}$ _____

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

9. $-\frac{9}{16}$ _____

10. $3\frac{1}{8}$ _____

11. $6\frac{9}{32}$ _____

12. $2\frac{87}{125}$ _____

13. $\frac{13}{25}$ _____

14. $4\frac{31}{50}$ _____

15. $-\frac{7}{12}$ _____

16. $\frac{4}{9}$ _____

17. $\frac{5}{18}$ _____

18. $\frac{15}{11}$ _____

Order from least to greatest.

19. $0.4, \frac{3}{5}, \frac{1}{2}, \frac{3}{10}$ _____

20. $-\frac{3}{8}, -\frac{3}{4}, -0.38, -0.6$ _____

21. $\frac{1}{4}, -\frac{1}{5}, 0.2, \frac{2}{5}$ _____

22. Write an improper fraction with the greatest possible value using each of the digits 5, 7, and 9 once. Write this as a mixed number and as a decimal.

_____

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

23. $10.0\overline{7}$ _____

24. 3.44 _____

25. $-4.\overline{27}$ _____

26. 0.09 _____

27. 0.375 _____

28. $0.2\overline{43}$ _____

Compare. Use <, >, or = to complete each statement.

29. $\frac{5}{6}$ ☐ 0.8

30. $\frac{7}{11}$ ☐ 0.65

31. $4.\overline{2}$ ☐ $4\frac{2}{9}$

32. $-\frac{3}{11}$ ☐ -0.25

33. $0.\overline{80}$ ☐ $\frac{80}{99}$

34. -0.43 ☐ $-\frac{7}{16}$