

## Lesson 1.4C ~ Ordering and Comparing Decimals

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**To change a fraction into a decimal, divide the numerator by the denominator.**

$$\frac{1}{4} = 1 \div 4 = 0.25$$

$$1\frac{1}{4} = 1 + \frac{1}{4} = 1 + 0.25 = 1.25$$

**Compare each set of fractions and decimals, using  $>$ ,  $<$  or  $=$ .**

1.  $0.5 \bigcirc \frac{1}{3}$

2.  $\frac{1}{2} \bigcirc 0.5$

3.  $0.68 \bigcirc \frac{3}{4}$

4.  $1\frac{3}{8} \bigcirc 1.4$

5.  $4.625 \bigcirc 4\frac{8}{9}$

6.  $5.1 \bigcirc 5\frac{1}{10}$

**Write out each fraction or decimal in words.**

7.  $4\frac{3}{10}$

8. 4.3

9. What is the relationship between the word phrases in problems 7 and 8?

**Put each set of numbers in order from least to greatest.**

10.  $2\frac{1}{4}$ , 2.21, 2.201,  $2\frac{1}{3}$

11. 1.83,  $1\frac{4}{5}$ , 1.803,  $1\frac{9}{10}$

12. 7.075, 7.76,  $7\frac{7}{10}$ ,  $7\frac{3}{4}$

13.  $5\frac{5}{6}$ , 5.8,  $5\frac{9}{10}$ , 5.083