

# Comparing and Ordering Decimals

Compare 0.87 to 0.89.

First, begin at the left. Find the first place where the numbers are different.

0.87

0.89

The numbers are the same in the tenths places, so look to the next place.

The first place where the numbers are different is the hundredths place. Compare 7 hundredths to 9 hundredths.

$$0.07 < 0.09, \text{ so } 0.87 < 0.89$$

Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $0.36 \bigcirc 0.76$

2.  $5.1 \bigcirc 5.01$

3.  $1.2 \bigcirc 1.20$

4.  $6.55 \bigcirc 6.6$

5.  $0.62 \bigcirc 0.82$

6.  $4.71 \bigcirc 4.17$

Order the numbers from least to greatest.

7. 1.36, 1.3, 1.63

8. 0.42, 3.74, 3.47

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9. 6.46, 6.41, 4.6

10. 0.3, 0.13, 0.19, 0.31

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11. **Number Sense** Which is greater, 8.0 or 0.8? Explain.

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