

Practice 1-3

Comparing and Ordering Decimals

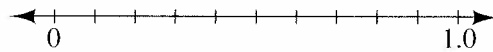
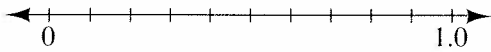
Use $<$, $=$, or $>$ to complete each statement.

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|--------------------------|-------------------------|--------------------------|---------------------------|
| 1. $0.62 \square 0.618$ | 2. $9.8 \square 9.80$ | 3. $1.006 \square 1.02$ | 4. $41.3 \square 41.03$ |
| 5. $2.01 \square 2.011$ | 6. $1.400 \square 1.40$ | 7. $5.079 \square 5.08$ | 8. $12.96 \square 12.967$ |
| 9. $15.8 \square 15.800$ | 10. $7.98 \square 7.89$ | 11. $8.02 \square 8.020$ | 12. $5.693 \square 5.299$ |

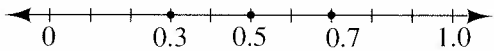
Order each set of decimals on a number line.

13. 0.2, 0.6, 0.5

14. 0.26, 0.3, 0.5, 0.59, 0.7



15. Three points are graphed on the number line below. Write statements comparing 0.3 to 0.5 and 0.5 to 0.7.



16. Draw a number line. Use 10 tick marks. Label the first tick 0.6 and the tenth tick 0.7. Graph 0.67 and 0.675.

- a. Which is greater, 0.67 or 0.675? _____
- b. How does the number line show which number is greater?

17. Models for three decimals are shown below.

- a. Write the decimal that each model represents.

- b. Order the decimals from least to greatest.

