

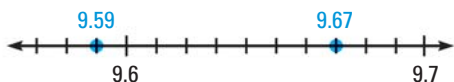
Skills Review Handbook

Comparing and Ordering Decimals TEKS 6.1.A

A **number line** is a line whose points are associated with numbers. You can use a number line to compare and order decimals. From left to right, the numbers on a number line appear in order from least to greatest.

EXAMPLE Copy and complete the statement using $<$, $>$, or $=$.

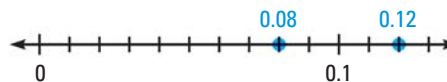
a. $9.67 \underline{\quad ? \quad} 9.59$



9.67 is to the right of 9.59,
so 9.67 is greater than 9.59.

▶ $9.67 > 9.59$

b. $0.08 \underline{\quad ? \quad} 0.12$

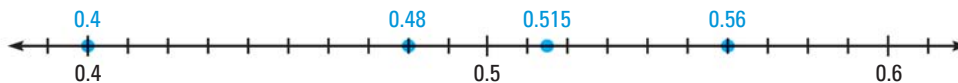


0.08 is to the left of 0.12,
so 0.08 is less than 0.12.

▶ $0.08 < 0.12$

EXAMPLE Order the numbers 0.4, 0.56, 0.48, and 0.515 from least to greatest.

Graph all the numbers on a number line.



Write the numbers as they appear on the number line from left to right.

▶ The numbers in order from least to greatest are 0.4, 0.48, 0.515, and 0.56.

PRACTICE

Copy and complete the statement using $<$, $>$, or $=$.

1. $1.48 \underline{\quad ? \quad} 1.413$

2. $0.809 \underline{\quad ? \quad} 0.81$

3. $5.47 \underline{\quad ? \quad} 5.43$

4. $0.01 \underline{\quad ? \quad} 0.005$

5. $35.2 \underline{\quad ? \quad} 35$

6. $6.24 \underline{\quad ? \quad} 6.2$

7. $1.674 \underline{\quad ? \quad} 1.678$

8. $20.05 \underline{\quad ? \quad} 20.3$

9. $9.018 \underline{\quad ? \quad} 9.017$

Order the numbers from least to greatest.

10. 2.5, 2.3, 2.45, 2.38

11. 7.01, 7.13, 7.3, 7.03

12. 10.19, 10.2, 10, 10.4

13. 0.3, 0.47, 0.9, 0.15

14. 1.3, 1.05, 1.11, 1.0

15. 12.6, 10.9, 11, 11.9

16. 6.1, 6.89, 7.25, 7

17. 3.1, 3.3, 0.3, 1.33

18. 5.46, 5.4, 5.64, 5.6