

NAME _____

Module 5 Decimal Operations, Exponents, and Powers
Lesson 2 Converting, Comparing, and Ordering

Lesson Objectives

- Convert, compare, and order fractions, decimals, and percents and find their approximate location on a number line.
- Compare and represent integers, fractions, and decimals and find their approximate location on a number line.

Subtopic 1 Ordering Fractions, Decimals, and Integers

- On a number line, the number to the left is _____ than the number to the right.
- On a number line, the number to the right is _____ than the number to the left.
- _____ is neither positive nor negative.
- Negative numbers lie to the _____ of zero on a number line.
- Positive numbers lie to the _____ of zero on a number line.

1 Order from greatest to least using place value. $0.55, \frac{1}{2}, -1, 2$

2 Order from greatest to least using a number line. $0.55, \frac{1}{2}, -1, 2$

3 Order from least to greatest using place value. $0.96, \frac{4}{5}, -\frac{1}{5}, 1$

★ 4 Order from least to greatest using a number line. $0.96, \frac{4}{5}, -\frac{1}{5}, 1$

Subtopic 2 Comparing Fractions, Decimals, and Percents

- To compare numbers that are in different forms, rewrite them all in the _____ form.
- To change a percent to a decimal, move the _____ two places to the left.

★ 5 Compare $\frac{3}{10}$ and -0.35 . Write $>$, $<$, or $=$.

★ 6 Compare 30% and $\frac{1}{4}$. Write $>$, $<$, or $=$.

★ 7 Compare 0.4 and 5% . Write $>$, $<$, or $=$.