

**NUMBER SENSE STANDARDS  
6-8**

**Indicator 1: Use the structural characteristics of the set of real numbers and its various subsets. Apply the concept of value, magnitude, and relative magnitude of real numbers.**

<b>Sixth Grade</b>	<b>Seventh Grade</b>	<b>Eighth Grade</b>
6.N.1.1. (Comprehension) Represent fractions in equivalent forms and convert between fractions, decimals, and percents using halves, fourths, tenths, and hundredths.	7.N.1.1. (Comprehension) Represent numbers in a variety of forms by describing, ordering, and comparing integers, decimals, percents, and fractions.	8.N.1.1. (Comprehension) Represent numbers in a variety of forms and identify the subsets of rational numbers.
6.N.1.2. (Knowledge) Find factors and multiples of whole numbers.	7.N.1.2. (Application) Find and use common multiples and factors of whole numbers.	

**Indicator 2: Apply operations within the set of real numbers.**

<b>Sixth Grade</b>	<b>Seventh Grade</b>	<b>Eighth Grade</b>
6.N.2.1. (Comprehension) Add, subtract, multiply, and divide decimals.	7.N.2.1. (Application) Add, subtract, multiply, and divide integers and positive fractions.	8.N.2.1. (Application) Read, write, and compute within any subset of rational numbers.

**Indicator 3: Develop conjectures, predictions, or estimations to solve problems and verify or justify the results.**

<b>Sixth Grade</b>	<b>Seventh Grade</b>	<b>Eighth Grade</b>
6.N.3.1. (Application) Use various strategies to solve one- and two-step problems involving positive decimals.	7.N.3.1. (Application) Use various strategies to solve one- and two-step problems involving positive fractions and integers.	8.N.3.1. (Application) Use various strategies to solve multi-step problems involving rational numbers.