

NeSA Math Indicator Labels  
Seventh Grade  
Maco ML-3000

**MA 7.1.3.b Select, apply, and explain the method of computation when problem solving using integers and positive rational numbers**

MA 7.2.4.a Identify the shapes that make up the three-dimensional object

**MA 7.1.1.a Show equivalence among fractions, decimals, and percents**

**MA 7.1.3.c Solve problems involving percent of numbers**

MA 7.2.4.b Create two-dimensional representations of three-dimensional objects to visualize and solve problems

**MA 7.1.1.b Compare and order rational numbers**

**MA 7.1.4.a Use estimation methods to check the reasonableness of solutions for problems involving integers and positive rational numbers**

MA 7.2.4.c Draw angles to given degree

**MA 7.1.1.c Represent large numbers using scientific notation**

MA 7.2.1.a Identify and describe similarity of two-dimensional shapes using side and angle measurement

MA 7.2.5.a Measure angles to the nearest degree

MA 7.1.1.d Classify numbers as natural, whole, integer, or rational

MA 7.2.1.b Name line, line segment, ray, and angle

**MA 7.2.5.b Determine the area of trapezoids and circles, and the circumference of circles**

MA 7.1.1.e Find least common multiple and greatest common divisor given two numbers

**MA 7.2.2.a Plot the location of an ordered pair in the coordinate plane**

MA 7.2.5.c Recognize the inverse relationship between the size of a unit and the number of units used when measuring

MA 7.1.2.a Use drawings, words, and symbols to explain the meaning of multiplication and division of fractions

MA 7.2.2.b Identify the quadrant of a given point in the coordinate plane

**MA 7.3.1.a Describe and create algebraic expressions from words, tables, and graphs**

MA 7.1.2.b Use drawings, words, and symbols to explain the meaning of multiplication and division of decimals

**MA 7.2.2.c Find the distance between points along horizontal and vertical lines of a coordinate plane**

**MA 7.3.1.b Use a variable to describe a situations with an inequality**

MA 7.1.2.c Use drawings, words, and symbols to explain the addition and subtraction of integers

MA 7.2.3.a Identify lines of symmetry for a reflection

MA 7.3.1.c Recognize and generate equivalent forms of simple algebraic expressions

**MA 7.1.3.a Compute accurately with integers**

**MA 7.2.3.b Perform and describe positions and orientation of shapes under a single transformation on a coordinate plane**

**MA 7.3.2.a Model contextualized problems using various representations**

MA 7.3.2.b Represent a variety of quantitative relationships using algebraic expressions and one-step equations

MA 7.4.1.d List biases that may be created by various data collection processes

MA 7.3.3.a Explain additive inverse of addition

MA 7.4.1.e Formulate a question about a characteristic that can be answered by simulation or a survey

MA 7.3.3.b Use symbolic representation of the distributive property

MA 7.4.2.a Determine if data collected from a sample can be used to make predictions about a population

**MA 7.3.3.c Given the value of the variable(s), evaluate algebraic expressions with respect to order of operations**

**MA 7.3.3.d Solve two-step equations involving integers and positive rational numbers**

**MA 7.3.3.e Solve one-step inequalities involving positive rational numbers**

MA 7.3.3.f Identify and explain the properties used in solving two-step equations

**MA 7.4.1.a Analyze data sets and interpret their graphical representations**

**MA 7.4.1.b Find and interpret mean, median, mode, and range for sets of data**

MA 7.4.1.c Explain the difference between a population and a sample