Cluster C

Multiplication/Division

MA.05.NSP.01.01
Understands the place value system: that a digit in one place represents 10 times as much as it represents in the place to its right

MA.04.OMD.01.02
Understands that a whole number is a multiple of each of its factors

Understands the relationship between multiplication and division

MA.05.OMD.01.02
Is skilled at finding whole number quotients w/ remainders up to a 4-digit dividend by a one digit divisor using multiple strategies

MA.06.OMD.01.02
Is skilled at multiplying multi-digit whole numbers

Is skilled at dividing multi-digit whole number four-digit dividend by a two-digit divisor

MA.07.OMD.01.02
Is skilled at solving multiplication and division word problems

OR

Geometry - Measurement

MA.01.GME.01.01
Is skilled at finding the perimeter of a polygon

A.02.GME.02.02
Is skilled at finding area by counting unit squares

Is skilled at finding area of a polygon with all right angles (rectilinear figures) by decomposing them into non overlapping rectangles

MA.03.GME.01.02
Is skilled at using perimeter and area formula for rectangles in real world and mathematical problems.

MA.04.GME.01.02
Is skilled at measuring angles using a protractor

Is skilled at sketching angles

Is skilled at finding a missing angle measure

Geometry - Coordinate System

MA.05.GAP.02.02
Understands the similarities and differences among angles and lines of shapes

Understands how to compose a geometric shape with given conditions

MA.01.GCS.02.01
Is skilled at plotting points (ordered pairs) in quadrant 1.

MA.02.GCS.01.02
Understands how to plot a point In any quadrant

Is skilled at plotting polygons in the coordinate plane given coordinates for the vertices.

Understands how to use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate

Place Value

MA.06.NSP.01.01
Understands the place value system: that a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left

MA.07.NSP.01.01
Understands the concept of rounding decimals to any place using place value

Fractions-Decimals-Percents

MA.02.NSF.01.02
Understands a fraction as a number on number line

Is skilled at adding fractions with like denominators

Is skilled at ordering and comparing fractions with like denominators

MA.03.NSF.01.02
Understands two fractions are equivalent (equal) if they are the same size or the same point on a number line

Is skilled at ordering and comparing fractions

Algebra - Foundational Algebra

MA.03.AFA.04.01
Understands basic order of operations for add, subtract, multiply, divide

MA.04.AFA.01.01
Understands how to use parentheses, brackets or braces to evaluate numerical expressions

Measurement

MA.04.MTI.01.01
Understands how to add and subtract time intervals

Adopted 5/23/12