

**Eleventh Grade Math  
Third Nine Weeks**

**Integrated Math**

**Number and Number Sense  
and Operations**

**E 3.** Represent complex numbers on the complex plane.

**E 7.** Compute sums, differences, products and quotients of complex numbers.

**C 4.** Calculate distances, areas, surface areas and volumes of composite three-dimensional objects to a specified number of significant digits.

**D 5.** Solve real- world problems involving area, surface area, volume and density to a specified degree of precision.

**B 2.** Use radian and degree angle measures to solve problems and perform conversions as needed.

**Geometry and Spatial Sense**

**A 4.** Use trigonometric relationships to determine lengths and angle measures; i.e., Law of Sines and Law of Cosines.

**and Operations**

**E 3.** Represent complex numbers on the complex plane.

**E 7.** Compute sums, differences, products and quotients of complex numbers.

**Patterns, Functions and  
Algebra**

**A 5.** Identify families of functions with graphs that have rotation symmetry or reflection symmetry about the y-axis, x-axis or  $y=x$ .

**A 11.** Describe how a change in the value of a constant in an exponential, logarithmic or radical equation affects the graph of the equation.

**Algebra II**

**Geometry**

**Measurement**

**Advanced Math**

**Measurement**

**Transition to College Math**

**Number and Number Sense**