1.1 The student will represent functions and relations numerically, graphically, and algebraically.  1.1.A2.6 write the equation and describe the characteristics of a conic section given its graph.  1.1.A2.6 write the equation and describe the characteristics of a conic section given its graph.  1.2 The student will describe and apply properties of functions and relations.  1.1.A2.13 represent circles, ellipses, and hyperbolas centered at the origin and parabolas with vertex at the origin algebraically and graphically.  1.1.A2.14 represent conic sections algebraically and graphically.	Understanding
1.1.A2.6 write the equation and describe the characteristics of a conic section given its graph.  1.2 The student will describe and apply properties of functions and relations.  1.1.A2.13 represent circles, ellipses, and hyperbolas centered at the origin and parabolas with vertex at the origin algebraically and graphically.	
describe and apply properties of functions and relations.  and parabolas with vertex at the origin algebraically and graphically.	
1.1.A2.14 represent conic sections algebraically and graphically.	
	The characteristics of
1.3 The student will perform a variety of operations and geometrical  1.2.A2.9 describe the properties of circles, ellipses, and hyperbolas centered at the origin and parabolas with vertex at the origin.  How do quadratic relations model real-world problems and their solutions?	quadratic relations and their representations are
transformations on functions and relations.  1.2.A2.10 describe the properties of circles, ellipses, hyperbolas, and parabolas.	useful in solving real- world problems.
1.4 The student will use numerical, algebraic, and graphical representations of	
functions and relations in order to solve realworld problems.  1.4.A2.10 solve quadratic systems of equations and inequalities.	
2.1 The student will describe relationships between geometric figures.  2.1.A2.1 describe circles, ellipses, parabolas, and hyperbolas as a locus of points.	