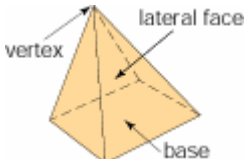


Glossary Term	Definition
property	A statement that is true for any numbers or variables.
proportion	An equation of the form $\frac{a}{b} = \frac{c}{d}$ stating that two ratios are equivalent.
protractor	An instrument used to measure angles.
pure imaginary number	The complex number $a + bi$ when $a = 0$ and $b \neq 0$.
pyramid	<p>A solid figure that has a polygon for a base and triangles for sides. A pyramid is named for the shape of its base. A solid with the following characteristics: 1. All the faces, except one, intersect at a common point called the <i>vertex</i>. 2. The face that does not intersect at the vertex is called the <i>base</i>. The base is formed by a polygon. 3. The faces meeting at the vertex are called <i>lateral faces</i>. They are formed by triangles.</p> 
Pythagorean Theorem	If a and b are the measures of the legs of a right triangle and c is the measure of the hypotenuse, then $c^2 = a^2 + b^2$.
Pythagorean triple	Whole numbers that satisfy the Pythagorean Theorem.
quadrant	One of four regions into which the x - and y -axes separate the coordinate plane. [Alg2-R2]
quadrantal angle	An angle in standard position whose terminal side coincides with one of the axes.
quadratic equation	An equation of the form $ax^2 + bx + c = 0$, where $a \neq 0$.
Quadratic Formula	The solutions of a quadratic equation in the form $ax^2 + bx + c = 0$, where $a \neq 0$, are given by the formula $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$.
quadratic function	A function described by an equation of the form $f(x) = ax^2 + bx + c$, where $a \neq 0$.
quadratic inequality	An inequality of the form $y > ax^2 + bx + c$, $y < ax^2 + bx + c$, $y \geq ax^2 + bx + c$, $y \leq ax^2 + bx + c$, where $a \neq 0$.
quadratic term	In the equation $f(x) = ax^2 + bx + c$, ax^2 is the quadratic term.
quadrilateral	A polygon having four sides.
quart	A customary unit of capacity. 1 quart = 2 pints
quartiles	Values that divide a set of data into four equal parts.
radian	The measure of an angle θ in standard position whose rays intercept an arc of length 1 unit on the unit circle.
radical equation	An equation that contains a radical expression with the variable in the radicand.
radical expression	An expression that contains a square root. Examples: $\sqrt{3}$, $\sqrt[4]{14}$, $2\sqrt{x}+1$
radical inequality	An inequality that contains a radical expression with the variable in the radicand.