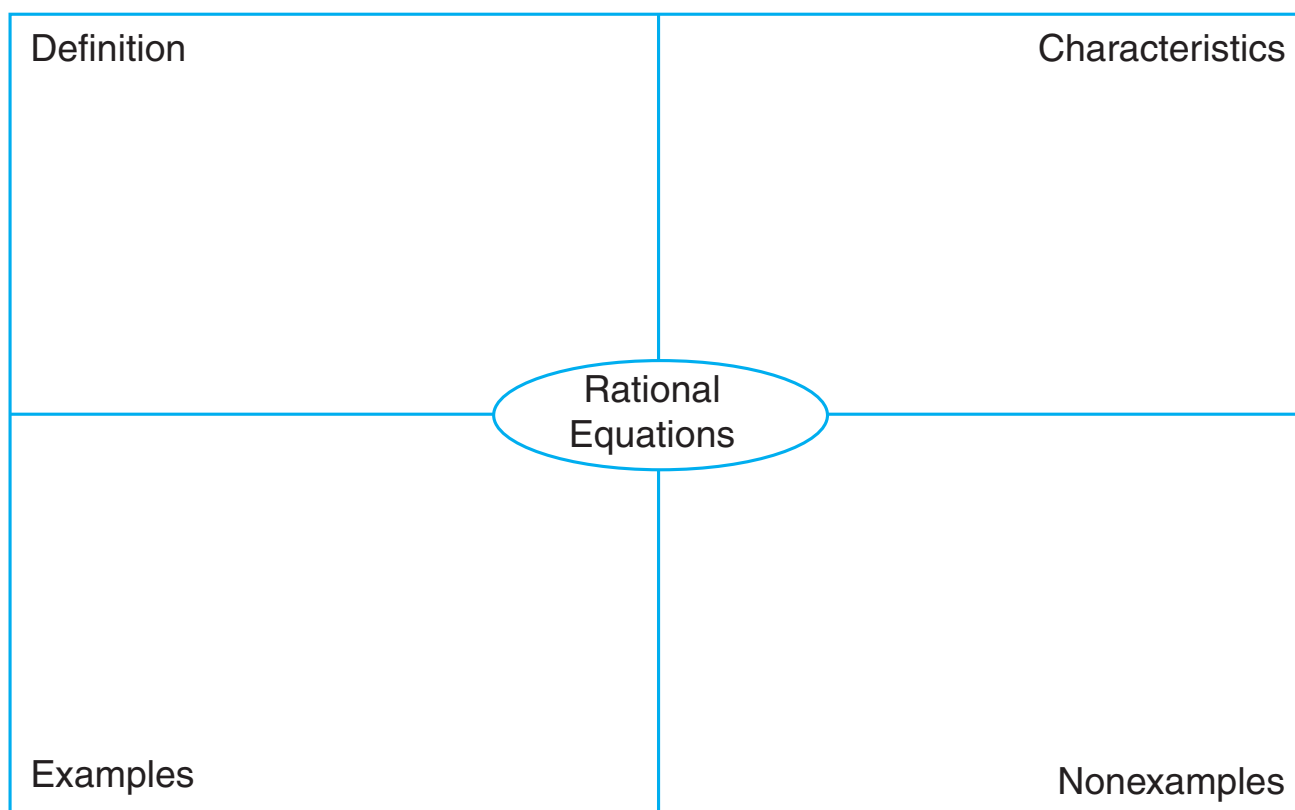**4. Get Organized** In each box, write the appropriate information related to rational equations. (p. 604).

Definition	Characteristics
Examples	Nonexamples

Rational Equations

Solving Rational Equations and Inequalities

4. Get Organized In each box, write the appropriate information related to rational equations. (p. 604).

Definition	Characteristics
equations that contain rational expressions	can be solved by multiplying both sides by the LCD of all the terms in the equation; may generate extraneous solutions when solving

Rational Equations

Examples	Nonexamples
$\dfrac{1}{x} = 5, \dfrac{x+3}{x-4} = \dfrac{x}{x-3}$	$\sqrt{x+2} = 6, |x| = 5$

Algebra 2