- *Objectives:
- *rational equation:
- *Example of a Rational Equation (p. 542)

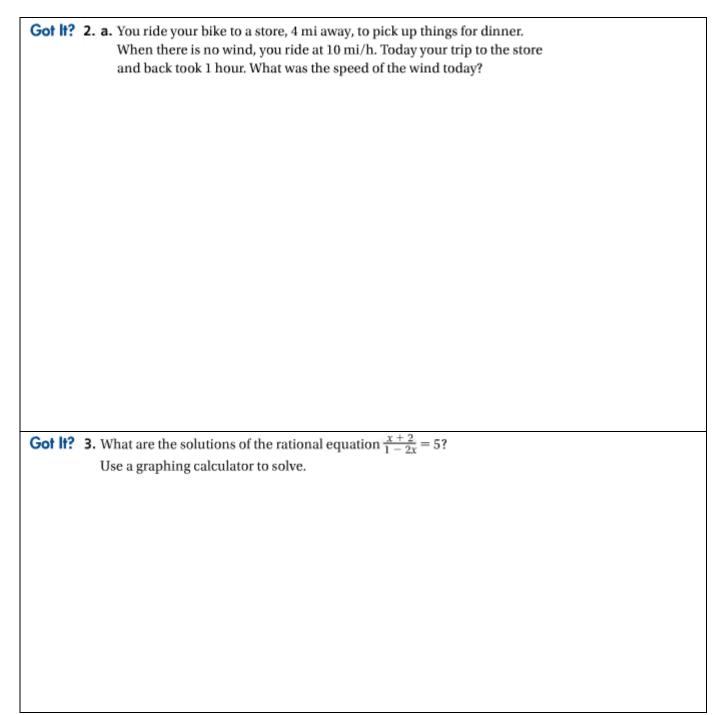
To solve a rational equation, clear the equation of denominators by multiplying by the LCD.

It is possible to introduce extraneous solutions.

Got It? 1. What are the solutions of the rational equation?

a.
$$\frac{x-1}{x+2} = \frac{x^2+2x-3}{x+2}$$

b.
$$\frac{x}{x+1} + \frac{3}{x+4} = \frac{x+3}{x+4}$$



Inclass: p. 546 #12, 20, 28 Homework: p. 546 #9-29(odd) Interactmath: #9, 16, 17, 29