- *Objectives:
- *rational expression:
- *simplest form:
 - *In simplest form

*Not in simplest form

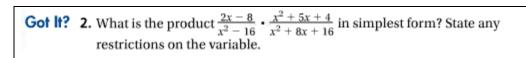
Reasons "Why Not" in simplest form

Got It? 1. What is the rational expression in simplest form? State any restrictions on the variables.

a.
$$\frac{24x^3y^2}{-6x^2y^3}$$

b.
$$\frac{x^2 + 2x - 8}{x^2 - 5x + 6}$$
 c. $\frac{12 - 4x}{x^2 - 9}$

c.
$$\frac{12-4x}{x^2-9}$$



Got lt? 3. a. What is the quotient $\frac{x^2 + 5x + 4}{x^2 + x - 12} \div \frac{x^2 - 1}{2x^2 - 6x}$ in simplest form? State any restrictions on the variable.

Inclass: p. 531 #12, 16, 20 Homework: p. 531 #9-25(odd) Interactmath: #9, 12, 19, 21