

**DO NOW:**

- Get out your **Warm Up Sheet** and complete the Friday Free Write.
- Grab **YOUR calculator**.
- Get your Chromebook or phone for the Weekly Summary.

**Weekly Summary Tweet Question ([walczakmath.com](http://walczakmath.com))**

How do you remember the difference between the product and the quotient rule?

**Essential Question:** How do you simplify with exponents?

**Homework:** **#2a Reflection 10.1-10.2 in Google Classroom due Wednesday 2/21**

# Quotient

$$\frac{x^n}{x^m} = x^{n-m}$$

$$\frac{2x^7y^7}{3}$$

↓

$$\frac{4x^6y^9}{6y^2x^{-1}} = \frac{4}{6}x^{6-(-1)}y^{9-2} = \frac{2}{3}x^7y^7$$

$$\frac{-9p^{12}q^4r}{3p^7q^9} = \frac{-9}{3}p^{12-7}q^{4-9}r = -3p^5q^{-5}r$$