

3 TOPIC: _____

EQ: _____

QUESTIONS: | NOTES:

Quotient of Powers:

$$\frac{x^a}{x^b} = x^{a-b}$$

<u>Problem</u>	<u>Expand</u>	<u>Simplify</u>
$\frac{x^5}{x^2}$		
$\frac{5y^7}{y^3}$		
$\frac{x^3}{x^6}$		
$\frac{10x^4}{2x^3}$		

Examples

1. $\frac{12x^2}{2x^5}$

2. $\frac{2x^6y^5}{2x^4y}$

3. $\frac{3x^{-4}y}{4x^3}$