

GLO	/2
HW	/8

Name: _____

Date: _____ Pd: _____

Exponent Homework Quotient Law

Rewrite the following in SIMPLEST EXPONENT FORM.

Challenge(+1): Rewrite any expressions with a negative exponent so that the exponent becomes POSITIVE

When DIVIDING powers with the SAME BASE, we _____ the exponents.

<p>1)</p> $\frac{4^8}{4^3}$	<p>2)</p> $\frac{x^3}{x^5}$
<p>3)</p> $\frac{12 x^8}{4 x^7}$	<p>4)</p> $\frac{-24 x^3}{8 x}$
<p>5)</p> $\frac{15 x^6}{5 x^{-2}}$	<p>6)</p> $\frac{4 x^{12}}{x^4}$
<p>7)</p> $\frac{18 x^3 y^2}{2 x y^6}$	<p>8)</p> $\frac{16 x^2 y^{-5}}{4 x^{-6} y^2}$

