Algebra I
0.2 Warm-up #1
roperties of Exponents

NAME:_____
DATE:_____ HOUR:____

Product of Powers Property: $b^m \cdot b^n =$

$x^2 \cdot x^4 =$

$y^3 \cdot y^5 =$

Power of a Power Property: $(b^m)^n =$

$(x^4)^3 =$

$(y^2)^5 =$

over

Power of a Product Property: $(ab)^m =$

$(xy)^3 =$

$(a^{12}b)^2 =$

Quotient of Powers Property: $\frac{b^m}{b^n} =$

$\frac{x^5}{x^2} =$

$\frac{a^3b^4}{a^2b} =$

Power of a Quotient Property: $\left(\frac{a}{b}\right)^m =$

$\left(\frac{x}{y}\right)^3 =$

$\left(\frac{a^2}{b}\right)^4 =$