

Student Name: _____

Score: _____

Quotient Rule Worksheet

Rewrite the following as single exponent using quotient rule:

Work Space

Example: $x^7x^{-3} = x^{7-3} = x^4$

$a^8a^{-6} =$ _____

$s^9s^{-8} =$ _____

$y^{-6}y^2 =$ _____

$t^4t^{-5} =$ _____

$z^{-11}z^6 =$ _____

$m^5m^{-1} =$ _____

$b^4b^{-3} =$ _____

$k^{12}k^{-6} =$ _____