Name:	Date:	Pd:
Exponents- Mixed (NO CALCULATOR)		

~		
Simplif	y each. Write all answers in standar	rd form.
3 ⁴	4-3	6°
(-2) ⁴	_1_	-2 ⁴
	$\frac{1}{5^{-2}}$	
Simplify each. Write all answ	ers in exponential. All answers show	uld contain positive exponents.
$(3^2)(3^4)$	ers in exponential. All answers shown (5 ³)(5 ⁻⁴)	$\frac{5^5}{5^2}$
.7	(5 ⁻²) ²	$(2^3)^2$
$\frac{6^7}{6^9}$	(3')	
(6 ²)(6 ⁶)	$\frac{7^{12}}{7^8}$	$(10^3)^5$
$(7^{-3})(7^{-4})$	$\frac{4^{-3}}{4^{-5}}$	$\frac{4^{6}.4^{3}}{4^{-5}}$

Name:_						Date:	 Pd:	
		1 (310	~	~	1 TO D			

Exponents- Mixed (NO CALCULATOR)

3 ⁴	each. Write all answers in standar	6^{0}
	<u>1</u> 64	1
	04	1
81		
(-2)4	$\frac{1}{5^{-2}}$	-24
16	25	-16
nlify and Write all answer	are in expenential. All ensurers show	ld aantain nositiva avnana
$(3^2)(3^4)$	ers in exponential. All answers shou (5 ³)(5 ⁻⁴)	iu contain positive expone
		5 ²
- (5^3
36	1/5	J
7		
$\frac{6^{7}}{6^{9}}$	$(5^{-2})^2$	$(2^3)^2$
,		
	1/54	2^6
1/36		
$(6^2)(6^6)$	7 ¹²	$(10^3)^5$
	$\frac{7^{12}}{7^8}$,
6 ⁸		10 ¹⁵
	$7^{12-8} = 7^4$ $\frac{4^{-3}}{4^{-5}}$	
$(7^{-3})(7^{-4})$	$\frac{4^{-3}}{4^{-5}}$	$\frac{4^{6}.4^{3}}{4^{-5}}$
	4	4^{-5}
1/77		
		4 ¹⁴