Exponential Relations – Day 2: Negative and Zero Exponents

Complete the table. Rewrite negative exponents and leave as fractions. Show your steps as in the examples included!

$5^4 \times 5^2$ = 5^{4+2}	$2^{4} \times 2^{-2}$ = $7^{4} + (-2)$	$3^{-3} \times 3^{-2}$ = 3 - 3 - 2	$= 9^{-2+5}$
= 5° = 15,625	$=2^{2}$	= 3-5-1-1	$= 8^{3}$
A ³ × A ⁻²	= 4	- <u>3</u> ² 243	$= \int \int \zeta$
= 4 ³⁻²	- 12-4	-7-6-3	= 0 3-3
= 4'	$=6^{-2}$	= 7-9	= 90
=4	=	= 79	~
		1	
$4^2 \div 4^4 = 4^{2-4} = 4^{-2}$	$3^2 \div 3^5$ = $3^2 - 5$	$2 \div 2^{-2}$	5 ⁻² ÷5 ⁻² =22
$=\frac{1}{4^2}=\frac{1}{16}$	= 3	-2	=5,
	= 3 = 27	=9	-
$7^{4} \div 7^{2}$ = 74 - 2	$10^7 \div 10^{11}$	$6^4 \div 6^{-3}$	$= \frac{9}{2} - \frac{2}{2} - \frac{1}{2}$
=7	= 10 1	- 67 2002/2	-611
- 49		= 279950	= = 9
	1		
$(5^2)^{-2} = 5^{2 \times (-2)} = 5^{-4}$	$(3^{3})^{2}$	$(2^4)^3$	$(2^{-3})^2 = -6$
$=\frac{1}{5^4}=\frac{1}{625}$		-Unala	
	= 729		-26-64
(7-1)4	(10 ⁻³) ⁻¹	(6 ⁴) ⁻²	(8 ⁻²) ⁻¹ 2
= t - 1	=10	= 0 _ 1	
= 7= = 2041	- (000	-10=16740x	=64