



Math worksheet on 'Exponents - Power Law with Composite Base (Negatives, Exponent with Power to Exponent) (Level 1)'. Part of a broader unit on 'Exponents - Negative, Fractional, and Power Law'

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1 Find the answer when this term is raised to its exponent

a	b	c
9^{-800}	9^{-80}	9^{-8}
$(9^{-2})^4$		
d		
9^{-9}		

2 Find the answer when this term is raised to its exponent

a	b	c
77^{-9}	77^{-2}	77^{-7}
$(77^{-4})^2$		
d		
77^{-8}		

3 Find the answer when this term is raised to its exponent

a	b	c
6^0	6^{-16}	6^{-14}
$(6^{-4})^4$		
d	e	
6^{-1}	6^{-160}	

4 Find the answer when this term is raised to its exponent

$(121^{-1})^2$		
a	b	c
121^{-1}	121^{-2}	121^0

5 Find the answer when this term is raised to its exponent

a	b	c
77	$77^{-1,200}$	77^{-13}
$(77^{-3})^4$		
d		
77^{-12}		

6 Find the answer when this term is raised to its exponent

a	b	c
33^{-25}	33^{-250}	33^{-26}
$(33^{-5})^5$		
d	e	
33^{-23}	33^0	

7 Find the answer when this term is raised to its exponent

a	b	c
15^{-10}	15^{-12}	15^{-11}
$(15^{-6})^2$		
d		
15^{-4}		