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Math worksheet on *'Exponents - Power Law with Composite Base (Positives, Exponent with Power to Exponent) (Level 1)'*. Part of a broader unit on *'Exponents - Power Law - Intro'*

Learn online: app.mobius.academy/math/units/exponents_power_law_intro/

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

$(21^3)^3$

a	b	c
21^8	21^9	21^{10}
d	**e**	
21^7	21^{900}	

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

$(15^2)^3$

a	b	c
15^5	15^6	15^4

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

$(77^3)^3$

a	b	c
77^{90}	77^8	77^{900}
d	**e**	
77^{10}	77^9	

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

$(55^3)^2$

a	b	c
55^6	55^{600}	55^7
d		
55^5		

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

$(22^5)^3$

a	b	c
22^{17}	22^{16}	22^{150}
d	**e**	
22^{15}	22	

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

$(33^4)^3$

a	b	c
33^{13}	33^{120}	33^{12}
d	**e**	
$33^{1,200}$	33^7	

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

$(21^5)^4$

a	b	c
21^{21}	21^{19}	21^{200}
d		
21^{20}		