Name

Exponents - Power Law with Composite Base (Positives, Exponent with Power to Exponent)

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

$(14^3)^2$

A 14^{600} B 14^6 C 14^0 D 14^5

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

$(15^4)^2$

A 15^{80} B 15^0 C 15^8 D 15^9

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

$(15^5)^4$

A 15^{20} B 15^{16} C 15^{21} D 15^{17}

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

$(15^2)^3$

A 15^6 B 15^5 C 15^4

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

$(21^4)^3$

A 21^{11} B 21^{10} C 21^0 D 21^{12} E 21^{120}

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

$(77^3)^3$

A 77^{10} B 77^{900} C 77^9 D 77^8 E 77^{90}

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

$(4^3)^2$

A 4^6 B 4^5 C 4^{60} D 4^4

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

$(35^2)^2$

A 35^3 B 35^0 C 35^4