Name

Exponents - Power Law with Prime Base (Negatives, Exponent with Power to Exponent)

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

$(2^{-5})^{6}$

A 2^{-30} B 2^{-24} C 2

D 2^{-31} E 2^{-300}

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

$(5^{-5})^{3}$

A $5^{-1,500}$ B 5^{-15} C 5^{-13}

D 5^{-16} E 5^{-17}

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

$(11^{-2})^{5}$

A 11^{-8} B 11^{-10} C $11^{-1,000}$

D 11^{0} E 11^{-9}

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

$(3^{-3})^{2}$

A 3^{-6} B 3^{-600} C 3^{-60}

D 3^{-5}

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

$(11^{-5})^{5}$

A $11^{-2,500}$ B 11^{-22} C 11^{0}

D 11^{-25}

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

$(5^{-3})^{3}$

A 5^{-9} B 5^{0} C 5^{-7}

D 5^{-10}

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

$(11^{-3})^{6}$

A 11^{-19} B 11^{-18} C 11^{3}

D 11^{-1}

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

$(5^{-1})^{6}$

A 5^{-6} B 5^{-600} C 5^{0}

D 5^{-5}