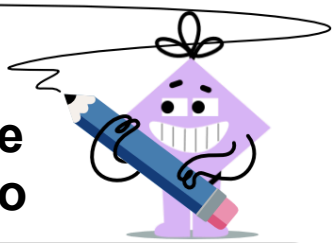
Name



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

1 Find the answer when these terms are multiplied

$$\frac{1}{15^4} \cdot \frac{1}{15^4} \cdot \frac{1}{15^4} \cdot \frac{1}{15^4} \cdot \frac{1}{15^4}$$

A 15^{-20} B 15^{-19} C 15^{-23} D 15^{-200}

2 Find the answer when these terms are multiplied

$$\frac{1}{55^3} \cdot \frac{1}{55^3}$$

A 55^{-5} B 55^{-6} C 55^{-60} D 55^{-1}

3 Find the answer when these terms are multiplied

$$\frac{1}{35} \cdot \frac{1}{35} \cdot \frac{1}{35}$$

A 35^{-2} B 35^{-30} C 35^{-3} D 35^{0} E 35^{2}

4 Find the answer when these terms are multiplied

$$\frac{1}{10^3} \cdot \frac{1}{10^3} \cdot \frac{1}{10^3} \cdot \frac{1}{10^3} \cdot \frac{1}{10^3} \cdot \frac{1}{10^3}$$

A 10^{-17} B 10^{-18} C 10^{3} D 10^{-15} E 10^{-16}

5 Find the answer when these terms are multiplied

$$\frac{1}{6^5} \cdot \frac{1}{6^5} \cdot \frac{1}{6^5}$$

A 6^{-150} B 6^{-2} C 6^{-16} D 6^{-15}

6 Find the answer when these terms are multiplied

$$\frac{1}{10^2} \cdot \frac{1}{10^2} \cdot \frac{1}{10^2}$$

A 10^{-600} B 10^{-5} C 10 D 10^{-6} E 10^{0}

7 Find the answer when these terms are multiplied

$$\frac{1}{77^5} \cdot \frac{1}{77^5}$$

A 77^{-10} B 77^{-3} C 77^{-1} D 77^{-100} E 77^{-11}

8 Find the answer when these terms are multiplied

$$\frac{1}{22^4} \cdot \frac{1}{22^4}$$

A 22^{-8} B 22^{-800} C 22^{-6} D 22^{0}