Name

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

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

$(y^4)^4$

A y^{17} B y^0 C y^{18} D y^{16}

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

$(n^3)^4$

A n^9 B n^{12} C n^{120} D n^7

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

$(r^3)^2$

A r^5 B r^6 C r^0 D r^{60}

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

$(m^4)^2$

A m^8 B m^6 C m^7 D m^{80}

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

$(z^4)^2$

A z^9 B z^6 C z^8 D z^7

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

$(z^3)^2$

A z^0 B z^{600} C z^5 D z^6 E z^{60}

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

$(p^5)^3$

A $p^{1,500}$ B p^{15} C p D p^{16} E p^{17}

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

$(d^2)^4$

A d^9 B d^8 C d^6 D d^7 E d^0