

**Directions: Match the formula in Column A with its corresponding Law of Exponent in Column B. Write the letter of the correct answer on the blank provided.**

Column A

\_\_\_\_ 1.  $\frac{x^m}{x^n} = x^{m-n}$

\_\_\_\_ 2.  $\left(\frac{x}{y}\right)^n = \frac{x^n}{y^n}$

\_\_\_\_ 3.  $(x^m)^n = x^{mn}$

\_\_\_\_ 4.  $(xy)^n = x^n y^n$

\_\_\_\_ 5.  $x^m \cdot x^n = x^{m+n}$

Column B

a. Product of Powers

b. Quotient of Powers

c. Power of a Power

d. Power of a Product

e. Power of a Quotient