



Name _____

Trio Match

Directions: Match each expression (A to F) with the correct simplified answer (1 to 6) and exponent property (I to VI). Write the matching number and Roman numeral for each letter.

Expressions	Simplified Answer	Exponent Property
A. $x^3 \cdot x^4$		
B. $\frac{m^9}{m^5}$		
C. $(a^2)^4$		
D. $(3b)^2$		
E. $\left(\frac{y}{z}\right)^3$		
F. $c^6 \cdot c^2$		

Simplified Answers	Exponent Properties
1. a^8	I. Product of Powers
2. x^7	II. Quotient of Powers
3. $9b^2$	III. Power of a Power
4. $\frac{y^3}{z^3}$	IV. Power of a Product
5. m^4	V. Power of a Quotient
6. c^8	VI. Product of Powers