

Name _____



Property Pick

Directions: For each expression, first write the letter of the correct exponent property. Then simplify the expression.

A. Product of Powers	D. Power of a Product
B. Quotient of Powers	E. Power of a Quotient
C. Power of a Power	

1. $x^3 \cdot x^5$ Property: _____ Simplified:	2. $(m^4)^2$ Property: _____ Simplified:
3. $\frac{a^9}{a^4}$ Property: _____ Simplified:	4. $(2b)^3$ Property: _____ Simplified:
5. $\left(\frac{y}{z}\right)^2$ Property: _____ Simplified:	6. $n^6 \cdot n^2$ Property: _____ Simplified:
7. $(c^5)^3$ Property: _____ Simplified:	8. $\frac{p^8}{p^3}$ Property: _____ Simplified:
9. $(4r)^2$ Property: _____ Simplified:	10. $\left(\frac{h}{5}\right)^3$ Property: _____ Simplified: