Name:		 	
Date:	_		

## Basic Skills Product Properties of Exponents

Simplify, if possible. Write your answer as a power or a product of powers.

2. (9 <sup>2</sup> ) <sup>5</sup>	3. $(-4a)^2$
5. $[(3x-2)^3]^3$	6. $(8ab)^2 \cdot 4a^9$
8. $(-2x^2y)(x^3y^2)^3$	9. $(r^3s^7t^5)^3(s^2t)^5$
	5. $[(3x-2)^3]^3$

10. $(2)^3(2)^5$	11. $\left(\frac{1}{2}x\right)^3$	12. $(-2x^2y^3)^2$
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