

Name _____

Date _____ Per _____ A# _____

Multiplying/Simplifying Exponents

#	Original Form	Factored Form	Simplified Form
1	$5^4 \cdot 5^3$		
2	$(-2)^4 \cdot (-2)^4$		
3	$5 \cdot 5^2 \cdot 5^5$		
4	$5n^3 \cdot 3n^3$		
5	$2x^4y^5 \cdot x^5y^4$		
6	$2y^2 \cdot 4x^5$		
7	$5y \cdot 3x^4$		
8	$4n^2 \cdot 5m^2n^2$		
9	$4a^3b^4 \cdot 3ab^3$		
10	$3x^4 \cdot 3y^3$		
11	$3nm^5 \cdot 5m^2n^3$		
12	$(3y^4)^2$		
13	$(m^4n^4)^2$		
14	$(2xy^4)^3$		
15	$(4x)^3$		