



Number Correct: _____

Equivalent Expressions in Exponential Notation – Round 1

Directions: Rewrite each item as an equivalent expression in exponential notation. All letters denote numbers.

1.	$2^2 \cdot 2^3 =$	
2.	$2^2 \cdot 2^4 =$	
3.	$2^2 \cdot 2^5 =$	
4.	$3^7 \cdot 3^1 =$	
5.	$3^8 \cdot 3^1 =$	
6.	$3^9 \cdot 3^1 =$	
7.	$7^6 \cdot 7^2 =$	
8.	$7^6 \cdot 7^3 =$	
9.	$7^6 \cdot 7^4 =$	
10.	$11^{15} \cdot 11 =$	
11.	$11^{16} \cdot 11 =$	
12.	$2^{12} \cdot 2^2 =$	
13.	$2^{12} \cdot 2^4 =$	
14.	$2^{12} \cdot 2^6 =$	
15.	$99^5 \cdot 99^2 =$	
16.	$99^6 \cdot 99^3 =$	
17.	$99^7 \cdot 99^4 =$	
18.	$5^8 \cdot 5^2 =$	
19.	$6^8 \cdot 6^2 =$	
20.	$7^8 \cdot 7^2 =$	
21.	$r^8 \cdot r^2 =$	
22.	$s^8 \cdot s^2 =$	

23.	$6^3 \cdot 6^2 =$	
24.	$6^2 \cdot 6^3 =$	
25.	$(-8)^3 \cdot (-8)^7 =$	
26.	$(-8)^7 \cdot (-8)^3 =$	
27.	$(0.2)^3 \cdot (0.2)^7 =$	
28.	$(0.2)^7 \cdot (0.2)^3 =$	
29.	$(-2)^{12} \cdot (-2)^1 =$	
30.	$(-2.7)^{12} \cdot (-2.7)^1 =$	
31.	$1.1^6 \cdot 1.1^9 =$	
32.	$57^6 \cdot 57^9 =$	
33.	$x^6 \cdot x^9 =$	
34.	$2^7 \cdot 4 =$	
35.	$2^7 \cdot 4^2 =$	
36.	$2^7 \cdot 16 =$	
37.	$16 \cdot 4^3 =$	
38.	$3^2 \cdot 9 =$	
39.	$3^2 \cdot 27 =$	
40.	$3^2 \cdot 81 =$	
41.	$5^4 \cdot 25 =$	
42.	$5^4 \cdot 125 =$	
43.	$8 \cdot 2^9 =$	
44.	$16 \cdot 2^9 =$	