Name_____ Date_____

Mrs. Roumbos 8R Period_____

Do Now

1) Which shows 5^4 in standard form? A) 20 B) 625 C) 1,204 D) 3,125	2) Which is $6^3 \bullet 6^4$ in exponential form? A) 36^{12} B) 7^6 C) 6^{12} D) 6^7
3) Which shows 9^{-3} in standard form? A) 729 B) 27 C) $\frac{1}{27}$ D) $\frac{1}{729}$	4) Which shows $\left(11^6\right)^2$ in exponential form? A) 22^6 B) 11^{12} C) 11^8 D) 11^4
5) Which shows $4^6 \div 4^5$ in standard form? A) 0 B) 1 C) 4 D) 16	6) Which shows $2^{-2} \bullet 2^6$ in exponential form? A) 2^4 B) 2^{-4} C) 2^{-8} D) 2^{-12}
7) Which shows $\left(2^2\right)^{-2}$ in standard form? A) 0 B) $\frac{1}{16}$ C) $\frac{1}{8}$ D) 1	8) Which shows $6^{-1} \div 6^{-4}$ in exponential form? A) 6^{-5} B) 6^{-3} C) 6^1 D) 6^3
9) A) $5^4 \bullet$_____ $= 5^8$ B) $5^6 \div 5^3 =$_____	10) Circle every expression that is equivalent to 7^8 A) $7^2 \bullet 7^4$ B) $7^4 \bullet 7^4$ C) $7^8 \div 7^1$ D) $\left(7^2\right)^4$ E) $\left(7^4\right)^4$