

Name: _____

Period _____

Tuesday Homework

Lesson 1.5 #1-8

Lesson 1.5 Zero and Negative Exponents

Simplify each expression and evaluate.

1. $9^4 \cdot 9^0$

2. $11^3 \cdot (-11)^0$

3. $\left(\frac{6}{7}\right)^8 \cdot \left(\frac{6}{7}\right)^0$

4. $9^2 \cdot 10^3 + 5^3 \cdot 10^2 + 2^6 \cdot 10^0$

5. $4.7 \cdot 10^3 + 6 \cdot 10^2 + 7 \cdot 10^0$

6. $\frac{5^3 \cdot 5^7}{5^{10}}$

7. $(4^{-2})^0 \cdot 7^2$

8. $\frac{(8^{-4})^{-2} \cdot 7^8}{56^8}$