

Name: _____

Period: _____

Chapter 7A Review

Complete page 495 #1-7, 14-17, 19-26, 30-37 (Can be done on this sheet)

Also complete the following problems

Simplify

1. -5^{-2}

2. $(-4)^2$

3. $(x + 4)^{-3}$ when $x = 3$

Multiply or divide. Write your answer in scientific notation.

4. $(9 \times 10^3) \cdot (3 \times 10^6)$

5. $\frac{16 \times 10^8}{4 \times 10^3}$

Simplify

6. $(7x^4)(2x^2)$

7. $(9y^3)(4y^7)$

8. $\left(\frac{4w^4}{z}\right)^3$

9. $\left(\frac{a^5}{b}\right)^{-2}$

10. $\left(\frac{64}{121}\right)^{\frac{1}{2}}$