Enter this number on your calculator in Scientific Notation

8.72 x 10⁷

Simple This is how it looks on a graphing calculator.

Find each. Give answer in Scientific Notation.

1. $(2.5 \times 10^3)(1.43 \times 10^6) = 3.575 \times 10^9$ 357500006

2. $\frac{1.788 \times 10^{15}}{4.8 \times 10^3} = 3.725 \times 10^{11}$

You can now finish Hwk #6

pages 402-403

Problems 1-3, 10-13, 16-18, 21, 42, 43

Due Monday, February 16

3²

What is the above called?

Power: Has two parts Base Exponent



Simplify each. Write each answer without negative or
zero as an exponent.
1.
$$C^{4} \cdot C \cdot C^{6}$$

2. $W^{6}X^{4}W^{-9}X^{3}W$
 $U^{7}X^{7} = \frac{X^{7}}{W^{2}}$
3. W^{-9}
4. Q^{3}
5. $(6x^{4})$
6. $(4c^{5})$
4. Q^{3}
5. $(6x^{4})$
6. $(4c^{5})$

2 et a grfáll white beaug⁻² =
$$a^5$$

3. $w^{-9} \cdot w^{-4} \cdot w^3 = \frac{1}{w^{10}}$
4. $Q^3 \cdot R^5 \cdot Q \cdot R^5 = Q^4 R^{10}$
5. $(6x^4y)(5x^2y^3) = 30x^6y^4$
6. $(4c^5d^9)(3c^{-7}d) = \frac{12d^{10}}{c^2}$

