**NAME:**

Steps for Comparing Numbers

1. Convert to Common Form
2. Put them in required order
3. Rewrite in original format

**Use your guiding questions to answer the questions. Underline the question.**

**Place all information necessary in the work box from the question.**

 **Create a plan and show your work to solving the problem. Go back and make sure you answered the question and it makes sense. Solve the problems in the space provided on the right side of the paper. In the little box on the upper corner, mark a +, -, or? based on your understanding of the question.**

|  |  |
| --- | --- |
| 1.

In 2005 hurricane Katrina caused over 125 billion dollars of damage. Write 125 billion in scientific notation. Explain how you know when to use a positive exponent and when to use a negative exponent.  |  |
| 1. Which of the following is the least number and explain how you know?

$$2.3x10^{-7} \frac{27}{497} 23\%$$ |  |
| 1. Select each number that is between 489% and $9.9x 10^{-3}$

. Justify your answers$\frac{150}{5}$ $5.7x10^{0}$ 0.67903 4.3 |  |
| 1.

Identify each integer. Justify your answers.$4.5x10^{-3}$ $\sqrt{225}$ $3.2x10^{3}$ $\frac{4}{5}$  |  |
|  |  |