

Name. _____ Period _____ Date _____

Simplifying Scientific Notation Open Response Question

Answer the questions in complete sentences, using proper mathematical language, and showing all work.

Jamie was absent from class the day division with scientific notation was taught. They ask you if you could please explain how to do it using the expression below.

$$\frac{4 \times 10^8}{8 \times 10^3}$$

List the steps you would follow (number them!). For each step, show your math and make sure to explain the thinking involved.

Step	Math	Thinking
1.	$\frac{4 \times 10^8}{8 \times 10^3}$	