Scientific Notation

Name _____

Date _____ Period _____

All numbers can be written in scientific notation

A number in scientific notation is written as:

$$a \times 10^n$$

$1 \le a < 10$

n is an integer (positive or negative)

All numbers can be written in scientific notation

A number in scientific notation is written as:

$$a \times 10^n$$

3.24×10^{-5} 0.874×10^{8} $1.1 \times 10^{\frac{1}{2}}$

$27{,}593 =$

0.00123

$a \times 10^n$

$1 \le a < 10$

n is an integer (positive or negative)

$4{,}551$

0.000067291

$a \times 10^n$

$1 \le a < 10$

n is an integer (positive or negative)

2.1×10^{8}

2.45×10^{-4}

$a \times 10^{n}$

$1 \le a < 10$

n is an integer (positive or negative)

4.56×10^{5}

6.7×10^{-2}

$a \times 10^{n}$

$1 \le a < 10$

n is an integer (positive or negative)