Scientific Notation

Practice

Name

Date

Period

Practice

1) $2.34 \cdot 10^{5} =$

2) $5.71 \cdot 10^{-4} =$

3) $6.02 \cdot 10^{-3} =$

Rules for Scientific Notation

A positive exponent means _____

_____

A negative exponent means _____

_____

The decimal goes_____

_____

WRITE EACH NUMBER IN SCIENTIFIC NOTATION

There are about 27000000000000 red blood cells in the human body.

A mosquito weighs 0.000000000234 times as much as an elephant.

It is 380000000 meters from the Earth to the Moon.

A cold virus is 0.00000000323 meters across.

Americans drink 146000000000 cups of coffee per year.

The sun weighs 2100000000000000000000000000000000 grams.

A human has about 252000000 photoreceptors in their eyes.