

# Scientific Notation

## Practice

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

### Practice

1)  $2.34 \cdot 10^5 =$  \_\_\_\_\_

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

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

### WRITE EACH NUMBER IN SCIENTIFIC NOTATION

There are about 2700000000000 red blood cells in the human body.

It is 380000000 meters from the Earth to the Moon.

Americans drink 146000000000 cups of coffee per year.

A human has about 252000000 photoreceptors in their eyes.

### Rules for Scientific Notation

A positive exponent means \_\_\_\_\_  
\_\_\_\_\_

A negative exponent means \_\_\_\_\_  
\_\_\_\_\_

The decimal goes \_\_\_\_\_  
\_\_\_\_\_

A mosquito weighs 0.00000000234 times as much as an elephant.

A cold virus is 0.0000000323 meters across.

The sun weighs  
21000 grams.