

Name: _____ Period _____

Scientific Notation

Please convert the following to scientific notation. (Please show your work!)

34,000

0.000058

5,798

854,231

0.936421

1,200,000

0.285438563

0.000000092

26

Please convert the following to standard notation.

$$3.6 \times 10^9 =$$

$$7.3 \times 10^{-3} =$$

Perform the following operations. Express answers in scientific notation

$$(7.2 \times 10^5) \times (2.12 \times 10^{-2}) =$$

$$(2.3 \times 10^7) / (9.2 \times 10^2) =$$

$$(6.8 \times 10^3) \times (4.54 \times 10^6) =$$

$$(2.4 \times 10^6) / (5.49 \times 10^{-9}) =$$

$$(1.042 \times 10^{-1}) \times (4.002 \times 10^{-5}) =$$

$$(1.92 \times 10^{-2}) / (2.3 \times 10^6) =$$