

Name: ..... Class: .....

Convert between standard and scientific notation

How do you write the following in standard form?

$2.7 \times 10^4$

$7 \times 10^5$

$3 \times 10^{-2}$

$1.22 \times 10^7$

$9.111 \times 10^3$

How do you write the following in scientific notation?

48,600

0.75250

50,890,000

563,000

3,000,000,000

0.0000081

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How do you write the following in standard form?

$2.7 \times 10^4$  \_\_\_\_\_ 27,000

$7 \times 10^5$  \_\_\_\_\_ 700,000

$3 \times 10^{-2}$  \_\_\_\_\_ 0.03

$1.22 \times 10^7$  \_\_\_\_\_ 12,200,000

$9.111 \times 10^3$  \_\_\_\_\_ 9,111

How do you write the following in scientific notation?

48,600 \_\_\_\_\_  $4.86 \times 10^4$

0.75250 \_\_\_\_\_  $7.525 \times 10^{-1}$

50,890,000 \_\_\_\_\_  $5.089 \times 10^7$

563,000 \_\_\_\_\_  $5.63 \times 10^5$

3,000,000,000 \_\_\_\_\_  $3 \times 10^9$

0.0000081 \_\_\_\_\_  $8.1 \times 10^{-6}$