

Scientific Notation

Example 5.97×10^{24} ← Same →
5,970,000,000,000,000,000,000,000

Aug 30-7:55 AM

Ex 1 6.2×10^4 ← Positive exponent means this will be a big #

:
62,000
move 4 times
Rewrite the new # → 62,000

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Practice #1

$$\underline{4.35} \times 10^5$$

435000

435000.

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Ex 2

$$\underline{4.5} \times 10^{-3}$$

← negative exponent
means small #

.0045

.0045

← same #

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Practice 2 7.83×10^{-5}

.0000783

.0000783

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Ex 3

5240000

5240000

5.24×10^6

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Practice #3

482,300,000,000

4.823000000000

$$4.823 \times 10^{11}$$

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Ex #4

.000012

.000012

$$1.2 \times 10^{-5}$$

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Practice #4

.01867

0.1867

$$1.867 \times 10^{-2}$$

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