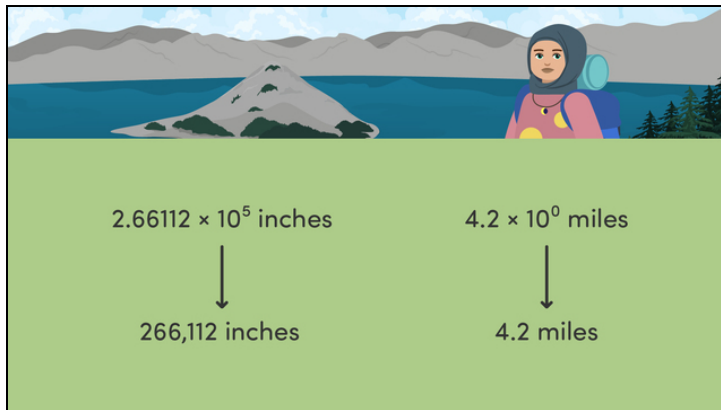


Worksheets to print out from [sofatutor.com](https://www.sofatutor.com)

Choosing Appropriate Units with Scientific Notation



- 1 Convert a number in scientific notation to standard form.
- 2 What is scientific notation?
- 3 Which unit of measurement is more appropriate for expressing the length?
- 4 Compare these measurements and decide which one is easier to work with in calculations.
- 5 Determine which unit of measurement is more practical for describing the pool's volume.
- 6 Convert numbers in scientific notation to standard form.
- + with many hints, answer keys, and solution approaches for all tasks



The complete package, including all tasks, hints, solutions, and solution approaches, is available to all subscribers of [sofatutor.com](https://www.sofatutor.com)

Convert a number in scientific notation to standard form.

Select the correct answer.

What is 5×10^2 written in standard form?

A

B

C

D

Our hints for the tasks

1
from 6

Convert a number in scientific notation to standard form.

1. Hint

Consider the power of 10.

The exponent 2 indicates how many places to move the decimal point.

2. Hint

Recall that $10^2 = 100$.

Solutions and solution approaches for the tasks

1
from 6

Convert a number in scientific notation to standard form.

Answer key: C

5×10^2 in standard form is 500.