

Scientific Notation and Dimensional Analysis: Introducing Scientific Notation

1. Identify the different parts of the given scientific Notation:

$$6.02 \times 10^{23}$$

Name:

6.02-

10 –

23 –

2. Write this number in scientific notation:

656,578

Step: 1-Move the decimal point until the number is between 1 and 10.

The coefficient is-

Step: 2-The exponent is and is

Step: 3- Write the number in scientific notation.

Coefficient	base	exponent	6.56578.	5
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Positive	6.56578×10^5
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