SCIENTIFIC NOTATION

Name _____

Score _____

SN:35

Express in scientific notation.

1) The charge of an electron is 0.00000000000000000001602 C.

_____

2) A typical nuclear fission reaction releases 200,000,000 eV.

_____

3) Bats can hear upto 250,000 Hz.

_____

4) The deepest part of the ocean is Challenger Deep.
Its 1,103,376 cm deep.

_____

5) The size of a plant cell is 0.00001146 m.

_____

6) Size of an amoeba is 0.0000000275 m.

_____

7) 0.1 Pascal is equal to 0.000001 bar (unit of Pressure).

_____

Name _____

Score _____

SCIENTIFIC NOTATION

Answer key

SN:35

Express in scientific notation.

1) The charge of an electron is 0.00000000000000000001602 C.

1.602×10^{-19} C

2) A typical nuclear fission reaction releases 200,000,000 eV.

2×10^{8} eV

3) Bats can hear upto 250,000 Hz.

2.5×10^{5} Hz

4) The deepest part of the ocean is Challenger Deep.
Its 1,103,376 cm deep.

1.103376×10^{6} cm

5) The size of a plant cell is 0.00001146 m.

1.146×10^{-5} m

6) Size of an amoeba is 0.0000000275 m.

2.75×10^{-8} m

7) 0.1 Pascal is equal to 0.000001 bar (unit of Pressure).

1×10^{-6} bar