

# 8TH GRADE – SCIENCE

## MEASUREMENT

### INTERACTIVE WORKSHEET 01

#### I. Choose the SI base units.

| S.No. | Base Quantity             | Unit |
|-------|---------------------------|------|
| 1     | Length                    |      |
| 2     | Mass                      |      |
| 3     | Time                      |      |
| 4     | Electric current          |      |
| 5     | Thermodynamic temperature |      |
| 6     | Amount of substance       |      |
| 7     | Luminous intensity        |      |

#### II. Choose the conversion of units.

| Positive multiples of 10 | Prefix | Symbol | Negative multiples of 10 | Prefix | Symbol |
|--------------------------|--------|--------|--------------------------|--------|--------|
| $10^1$                   |        | da     | $10^{-1}$                | deci   | d      |
| $10^2$                   |        | h      | $10^{-2}$                | centi  | c      |
| $10^3$                   |        | k      | $10^{-3}$                | milli  | m      |
| $10^6$                   |        | M      | $10^{-6}$                | micro  | $\mu$  |
| $10^9$                   |        | G      | $10^{-9}$                | nano   | n      |
| $10^{12}$                |        | T      | $10^{-12}$               | pico   | p      |
| $10^{15}$                |        | P      | $10^{-15}$               | femto  | f      |
| $10^{18}$                |        | E      | $10^{-18}$               | atto   | a      |



# AIMS-INDIA



**LIVEWORKSHEETS**