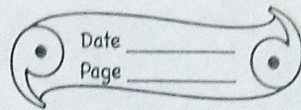


H.W
29.06.2021

Exercise A

Test yourself



Objective questions

Q1

a) S.I unit of temperature is Fahrenheit. False

b) Every measurement involves two things - a number and a unit. True

c) Mass is the measure of quantity of matter. True

d) The S.I unit of time is hour.

Ans False

e) The area can be expressed as the product of length ~~of~~ of two sides. True.

Q2

a) The S.I unit of length is metre of time is second of mass is kilogram.

b) $^{\circ}\text{C}$ is the unit of temperature.

c) 1 metric tonne = 1000 kg

d) the zero mark on celsius ~~ten~~ thermometer is the melting point of ice.

e) The thermometer used to measure the human body temperature is called the clinical thermometer.

f) The normal temperature of human body is 37°C or 98.6°F

g) The mass of an object is measured with the help of a beam balance

Define mass

mass - Mass means to weight a heavy substance. Its S.I unit is kg. The mass of a body is the quantity of matter contained in it. To measure a mass of a substance we need :- beam balance and a weight ~~mea~~ machine.

1) Convert 80 ~~g~~ gram into kg

Ans- If $1000 \text{ g} = 1 \text{ kg}$ $\frac{80}{1000} = 0.080 \text{ kg}$
 then $80 \text{ g} = \frac{80}{1000}$
 ~~$= 80 \text{ kg}$~~

$$\frac{80}{1000}$$

Relation ship between ~~foot~~ gram, kilogram and pound

Pound - A pound is mostly used in countries like U.S and UK.

Pound is an imperial unit of mass or weight measurement while kilogram is a metric unit of measurement.

Kilogram - kilo is widely used as the measurement unit in most countries. A kilogram is 1000 times larger than the gram.

gram - gram - also spelled gramme, - unit of mass or weight that is used especially in cm-gram-second system of measurements.