The degree of agreement between individual measured values in a series of measurement and the average value is called_____

Precision
The sum of measurements divided by the number ofmeasurements that have been made is known as����_____

Average
_____ is the representation of a number in the form A x 10n, where A is a number with a single nonzero digit to the left

of the decimal point, and n is a whole number

Scientific notation
Convert 0.008972 in scientific notation to decimal form

8.972 x 10-3
Measurement has two properties i.e. magnitude and_____

Unit
_____is the act of determining the size or amount of something.

Measurement
The Celsius, Kelvin and _____scales are inter convertible

Fahrenheit
In what unit of measurements will you measure height of 5-year old child

Centimeter
An absolute temperature scale is one in which the lowest temperature is given the value_____

Zero
Perform 25K to Celsius degree

-2480C
The standard unit for measuring length is in_____

Meters
An intensive property of an object that is often used to help identify substances is called_____

Density
_____is a general problem solving technique in which one uses the units of quantitiesto help one decides how to set up the problem.

Dimensional analysis
The Basic unit for measuring mass is

* Gram*
_____is a quantity that relates the mass of an object to its volume

Density
_____units enable scientists, engineers and mathematicians to measure using the same specifications

Basic
_____are natural variations in measurements that come about for a variety of reasons ranging from human to instrumental

Uncertainties
The line that runs straight from top to bottom of paper or the planar or facing the northit runs north to south is called_____

Vertical
The parallel angles are called _____ when they are added up to 1800

Supplementary
_____can be defined as a measure of rotation or turning .It is measured in degrees.

Angle
_____is a branch of mathematics that deals with the studyof linear measurement and angular or rotational measurement

Geometry
A 3 ◊ dimensional solid with six rectangular sides is known as_____

Cuboids
The line drawn from the centre of a circle to a point on the circumference is known as _____

Radius
_____is a straight line that touches any two points on the circumference of a circle

Chord
_____is any plane shape bounded by straight line segment

Polygon
A rhombus is a parallelogram in which a pair of adjacent sides

are_____

Equal
Any polygon whose sides are all equal to each other is called

a_____

regular polygon
The triangle that has no equal side and no equal angle is called_____

Scalene
_____is a special circle that has two circular surfaces

Annulus
A four sided solid polygon which has a plane shape enclosed by focus line segments is called_____

Quadrilateral
A parallelogram in which all the four angles are

right angles is called_____

Rectangle
In a trapezium ABCD, the sides AD and BC are parallel,BC = 40cm, AD = 30cm and the distance between BC and AD is 20cm. Calculate the area of the trapezium

700cm2
Calculate the total surface area of a closed cylinder whose radius is 3.5cm and height is 7cm

231cm2
The most familiar metric system unit of volume is the_____

Celsius

The procedure of dropping non-significant digit in a calculation result and perhaps adjusting the last remaining digit upward is called_____

Rounding

The degree of agreement between measured value and accepted true value of a quantity is called_____

Accuracy

Express the 7932.9 in scientific notation

7.932×10^3

. Write the 0.005262 in scientific notation

5.262×10^{-3}

Convert 0.08972 in scientific notation to decimal form

8.972×10^{-2}

In what unit of measurements will you measure distance between cities

kilometer

Gram is the basic unit for measuring_____

mass

Perform 200C to Kelvin

293K

Round off 25.053 to 3 significant figure

25.1

What is the density in $gm1^{-1}$ of a piece of metal that has a volume of 25ml and a mass of 125g

$50gm^{-1}$

A steel rod is measured and reported to be 11.0080cm long how many significant figure does this have.

6

Simplify 5.41 ❍0.398 and round off the answer to 3 significant number

5.01

If a piece of rod weighs 1461lb. what is this mass in kilogram?

66.226kg

Liquid oxygen used in rocket engines boils at 90k under normal atmospheric pressure. Express this boiling point on the Celsius scale

-1830C

A thermometer in a laboratory room registers 880f What is the temperature on the Celsius scale?

310C

Ethanol has a density of 0.789g/cm3, if the volume of a sample ofethanol is 39.7cm3. What is the mass?

31.3g

_____units are obtained from the basic units by comparing two or more basic units

Derived

One of the causes of uncertainties in measurements are the following except_____

two people can read an instrument in exactly the same way

_____uncertainty shifts all the measurements away fromthe true value by the same amount and it can significantly affect

the accuracy of a measurement.

systematic

_____is a line which cuts two or more parallel line

transversal line

An angle that is less than 900 is called_____

acute angle

when two or more angles add up to 900 is called_____

complementary angles

A solid object having four faces, six edges and four vertices is called_____

tetrahedron

_____of a circle is a plane figure bounded by two radii (plural of radius) and an arc

sector

Examples of quadrilateral are as follows except_____

Pentagon

Find the sum of the interior angles of a polygon with 14 sides

21600

Find the number of sides in a polygon, if the sum of the angles is 1800

12 sides

Find the area of a triangle with sides a = 10cm b = 6cm and

c = 8cm.

24cm2

A rectangular room is 30cm by 20cm, find the area in square metres

6m2

If the circumference of a circle is 176cm. Find its area

2464cm2

Different kinds of lines are as follows except_____

Congruent

A rhombus has the following properties except_____

it contains a major arc

Find the area of the circle of radius 7cm. (take p = 22/7)

154cm2

Find the area of a sector of a circle radius 14cm, which subtends an angle of 600at the center

102.7cm2

Express 0.000464 in scientific notation

4.64 x 10-4

An angle that is greater than 1800 but less than 3600 is known as_____

reflex angle