

Paper: _____

Month Test: 5th Term

Theme/Unit: _____

Objective/Subjective: _____

Name: _____



ID: _____

class: 7th

Section: _____

Total Marks: _____

Obt. Marks: _____

Weekly Test: _____/_____

Worksheets: _____/_____

Grand total: _____

Q no : 1 :Encircle the correct option.**/30**

1) Symbol of congruence is _____.

a) \cong

b) =

c) \sim d) ϵ

2) Sum of three angles of a triangle is _____.

a) 90° b) 180° c) 270° d) 360°

3) All the _____ of a circle are the same distance from the center to circumference of the circle.

a) Chord

b) Diameter

c) Radii

d) Sector

4) The longest chord of circle is its _____.

a) Chord

b) Diameter

c) Radii

d) Sector

5) Angle of the semi-circle is a/an _____ angle.

a) Right

b) Obtuse

c) Acute

d) Straight

6) Each angles in equilateral triangle are _____.

a) Equal

b) All different

c) Two equal and one unequal

d) none of these

7) _____ is the shortest distance between the top and bottom of a geometrical figure.

a) An angle

b) Altitude

c) Vertex

d) Base

8) The angle opposite to the base is called _____.

a) Vertex angle

b) Line angle

c) Base angle

d) Right angle

9) Sum of the interior angles of parallelogram is _____.

a) 90° b) 180° c) 270° d) 360°

10) Symbol used to represent parallel sides.

a) \perp b) \parallel c) \equiv d) \otimes

11) The isosceles triangle, _____ sides are equal in length.

a) One

b) Two

c) Three

d) Four

12) Opposite angle in a parallelogram are _____.

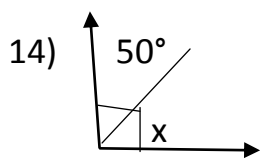
a) Equal

b) Unequal

c) Parallel

d) Adjacent

13) Two angles are said to be complementary if their sum is _____.

a) 90° b) 180° c) 270° d) 360° 

Find the unknown angle ?

a) 30° b) 40° c) 45° d) 60°

15) How many properties of congruent triangles are there?

a) Two

b) Three

c) Four

d) Five

Q: no: 2: Define the following.

/12

a) Angle

/3

b) Acute angle triangle.

/3

c) Scalene triangle.

/3

d) Equilateral triangle.

/3

Q: no: 3:

/12

a) Draw a circle of 6cm and then divide it into two semi-circles?

/4

b) Construct isosceles triangle whose Altitude = 4.5 cm and base angle = 45° ?

/4

c) Draw a line segment $\overline{XY} = 10\text{cm}$ and divide it into 8 equal parts?

/4

Q: no: 4:**/8**

a) Draw a circle with three radii?

/4

b) Draw and divide the line segment in the given ratios?

/4 $\overline{OP} = 12.5\text{cm}$ in the ratio 1:1:6?

Q: no: 5 construct a triangle $\triangle PQR$ whose perimeter is 13cm and ratio among the length of its sides is 2:4:5?**/5**

b) In $\triangle ABC$, if $\angle A = 60^\circ$, $\angle B = 30^\circ$, then find $\angle C$?

/3

Also draw the triangle?

