FORMATIVE ASSESSMENT – THIRD MID TERM

Max. Marks: 50

MATHEMATICS

Std - VI   **Time: 2 Hrs**

Name of the School:	Name of the Student:
_____	_____
Place:	Roll No.:
_____	_____

I.   Choose the correct answer: **5 x 1 = 5**

1.   A _____ has one end point and is endless in one direction

   a) point   b) ray   c) line segment

2.   A line where two faces meet is called an _____.

   a) edge   b) face   c) vertex

3.   A triangle in which only 2 sides are equal is called _____

   a) Equilateral Triangle   b) Isosceles Triangle   c) Scalene Triangle

4.   In the triangle ABC all the angles are less than 90°. Then ABC is a _____

   a) Right Triangle   b) Acute Angle Triangle   c) Obtuse Angle traingle

5.   Lines which never intersect are called _____

   a) Parallel lines   b) Perpendicular lines   c) concurrent lines

II.   Fill in the blanks: **5 x 1 = 5**

1.   The figures that begin and end at the same point are called _____

2.   A triangle is called _____ if all its sides are of square length.

3.   A part of a line is called _____.

4.   The sum of the angles of a triangle is _____

5.   Perpendicular lines meet at _____ angle.

III. True or False: **5 x 1 = 5**

1.   In a triangle any two angles form a linear pair.

2.   A line segment has one end point.

3.   The angles of a triangle can be 40°, 40° and 105°.

4.   An equilateral triangle is isosceles.

5.   Length of line AB = Length of line BA
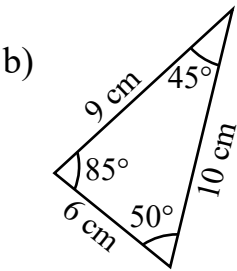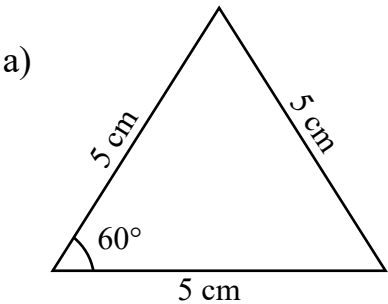
IV. Match the following: 5 x 1 = 5

1. Acute Angle - Sides of different length

2. Right Angle - 3

3. Obtuse - 90°

4. Tri means - Less than 90°

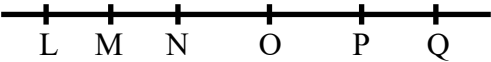5. Scalene triangle - Greater than 90°

V. Answer the following: 10 x 2 = 20

1. Write the types of triangles whose measurements are:

   a) AW = 12 cm   WB = 12cm   BA = 12 cm

   b) VA = 2.3 m   NA = 230 cm   NV = 2300 mm

2. Classify the triangles by their angles:

   a)   b)

3. Name the points and line segments in the following figure. What are these points called?

4. Draw 2 open figures and 2 closed figures.

5. Write the classification of the triangle based on the length of the sides.

6. Draw an obtuse scalene triangle.

7. Construct the line segments with given measurements using a compass.   AB = 8 cm

8. Write the classification of triangles based on the angles.

9. Measure the following line segments with the help of a ruler:
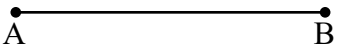
10. Draw the line PQ = 3.2 + 5 cm in length

VI. Do as directed: 2 x 5 = 10

1. Draw a right Isosceles triangle.

2.

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