



Name : - _____

Std.:- V _____

Roll No. :- _____

Worksheet- PA-2

Date : - _____

L-15 Perimeter and Area, L-11 Geometrical Shapes.

Q. 1) Choose the correct option.

- The triangle with all the three sides equal is called an _____ triangle
a) Scalene b) Equilateral c) isosceles
- The side of a square is _____ cm, if its perimeter is 36 cm.
a) 6 b) 9 c) 8
- A _____ is simple closed plane figure made up of 5 line segments.
a) Pentagon b) Hexagon c) Triangle
- The area of a square is _____ , if it's one side is 1.3 cm.
a) 169 cm^2 b) 1.69 cm^2 c) 16.9 cm^2

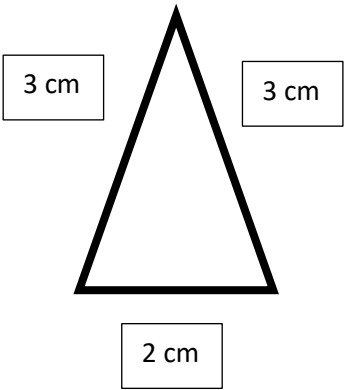
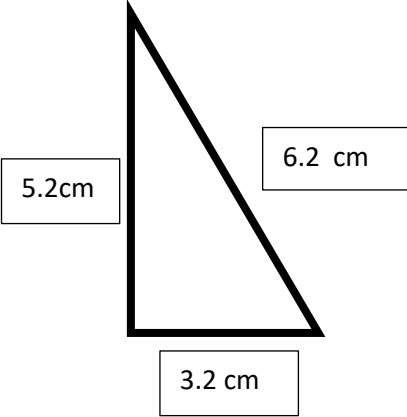
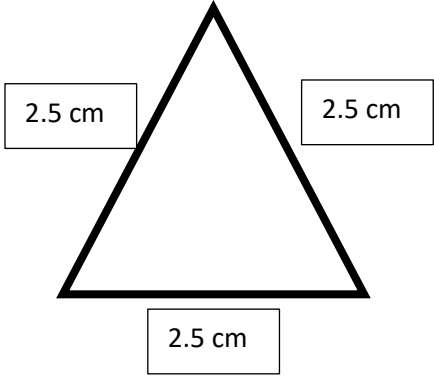
Q.2) Fill in the blanks:

- _____ is the distance around a plane figure or the length of the boundary of the plane figure
- All _____ triangles are isosceles triangles, but all _____ triangles are not equilateral triangles.
- A _____ can be folded to make up a 3D shape.
- _____ is the exact likeness in a shape about a given line, point or plane.
- A _____ is a simple closed figure made up of 3 line segments.

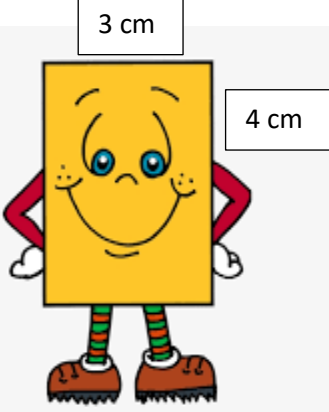
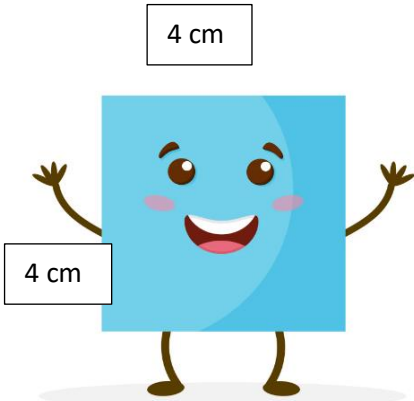
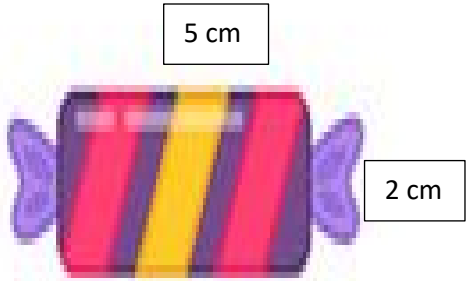
Q.3) Write "T" for True and "F" for False statements.

- Rotation means turning. _____
- The angles of a triangle are 35° , 90° and 55° . It is an acute triangle. _____
- Scalene triangle has all its sides of different lengths. _____
- The measure of a straight angle is 190° . _____
- The triangle with two sides equal is called an isosceles triangle. _____

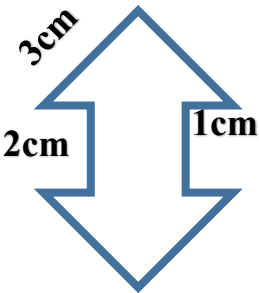
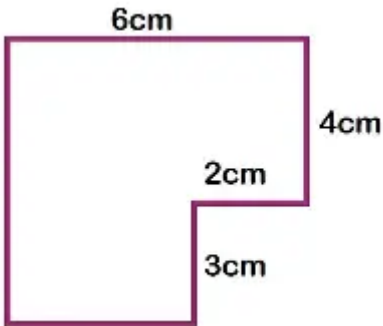
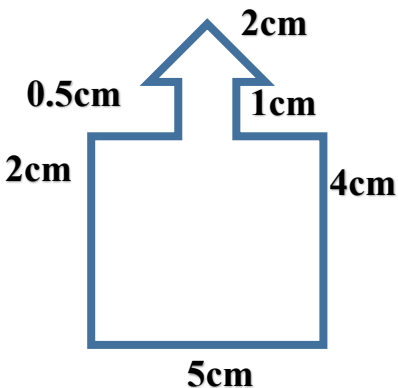
Q.4) Name the triangles according to its sides.

Q.5) Find the area of the following figures.

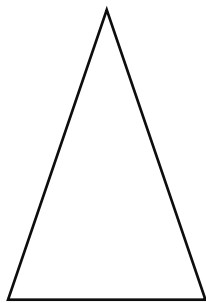
		

Q.6) Find the perimeter of the following figures.

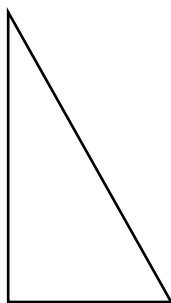
		

Q.7) Name the triangle according to its angles.

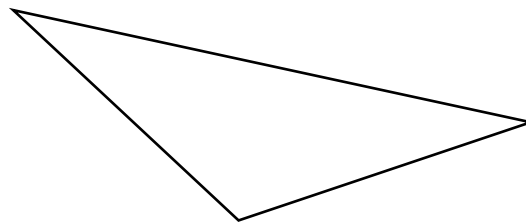
a)



b)



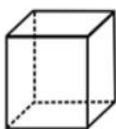
c)



--	--	--

Q.8) Match the nets with appropriate solids:

(a)



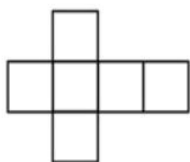
(i)



(b)



(ii)



(c)



(iii)



(d)



(iv)



a) ____ b) ____ c) ____ d) ____

Q.9) Story sums.

- 1) A rectangular room is 6 meters long and 4 meters wide. A carpet is to be placed to cover the entire floor. What is the area of the carpet needed?

--

2) A farmer has a square field with each side measuring 50 meters. What is the area of the field?

3) A rectangular swimming pool is 30 meters long and 10 meters wide. Find both the perimeter and the area of the pool.

4) A rectangular blackboard has an area of 48 square meters. Its breadth is 6 meters. Find the length of the blackboard.

5) A rectangular garden has an area of 252 square meters. The breadth is 12 meters. What is the length of the garden? If a fence is built around it, what is the perimeter ?