

Maths Assignment for STD 6

Integers

1. Evaluate :
 - $9 + (-5)$
 - $(-6) + (-2)$
 - $(-135) + 120$
 - $(-175) + (-173)$
2. Write the additive inverse of—
 - -8
 - 13
3. Arrange the following integers in ascending and descending order.
 - $-8, 3, 0, -9, 2, 7, -5$

EXPERIMENT NO.2

Points to remember .

**Read and understand the experiment.*

**In the Maths Practical Copy write down AIM, MATERIAL REQUIRED , METHODOLOGY , TABULAR COLUMN and CONCLUSION on the ruled page. DIAGRAM and CALCULATION on the plane page.*

**Follow the PROCEDURE properly to get the correct conclusion.*

**All the Maths practicals must be done in the same Maths Lab copy.*

**MATHS PRACTICAL COPY must be a soft cover Lab copy with atleast 50 to 60 pages*

AIM : To make a triangle and a quadrilateral having same perimeter.

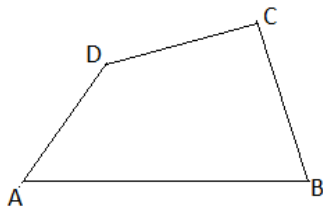
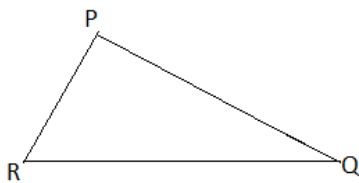
MATERIAL REQUIRED:

- 1) A thin Plastic straw
- 2) Ruler
- 3) Pencil



METHODOLOGY:

Perimeter of a figure = Length of its boundary or Sum of all its sides.



PROCEDURE: Follow all the steps below in order.

Step 1. Fold the plastic straw , so that it forms a triangle .

Step 2. Place the triangle on a sheet of paper and mark its vertices as P , Q and R.

Step 3. Join the points by using ruler and pencil.

Step 4. Measure its sides and record it in the observation table.

Step 5. Fold the straw , so that it forms a quadrilateral.

Step 6. Place the quadrilateral on a sheet of paper and mark its vertices as A , B , C and D.

Step 7. Join the points A , B , C and D in order , using ruler and pencil.

Step 8. Measure its sides and record it in the observation table.

OBSERVATION TABLE:

Name of the fig.	Length of its sides	perimeter
Triangle	PQ=----, QR=----- , PR=----	
Quadrilateral	AB=---- , BC=---- , CD=----, AD=-----	

CONCLUSION:

Since both the figures are formed by the same plastic straw , their perimeters are -----.