Unit 28 – Tessellation(2)

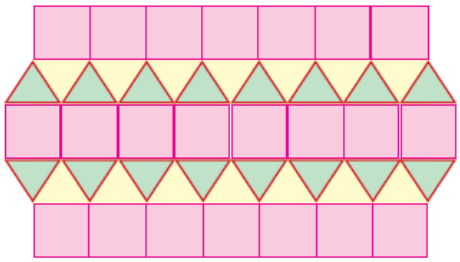
➢ Semi pure tessellation

✓ *Tessellation that is done using two or more different shapes is called semi pure tessellation.*

Activity 4

The figure shows a tessellation that has been created using triangles and quadrilaterals.

Create another tessellation using triangles and quadrilaterals and paste it in your exercise book.

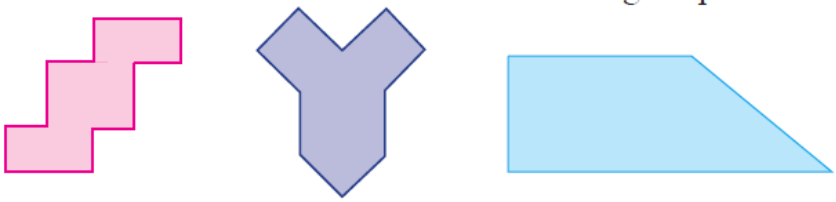


✓ *The sum of the angles around a vertex point of a tessellation created using rectilinear plane figures is 360^0.*

Activity 5

(1) Create a semi pure tessellation using two or more shapes that you like, and paste it in your exercise book.

(2) Create tessellations with each of the following shapes.



Activity 6

Step 1 - Cut out a rectangular shaped lamina.

Step 2 - On the lamina that you cut out, draw any shape that you like as shown in Figure 1. Now cut and separate out the shape you drew.

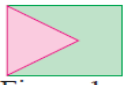
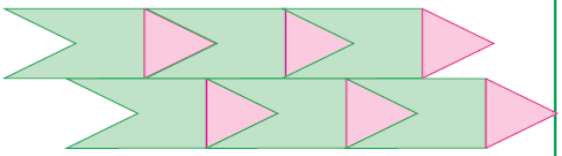


Figure 1

Step 3 - Paste the two parts that you obtained in Step 2 on a piece of cardboard as shown in Figure 2.

Figure 2

Step 4 - Using the net that you prepared in Step 3, cut out laminas using coloured paper and create a tessellation design.