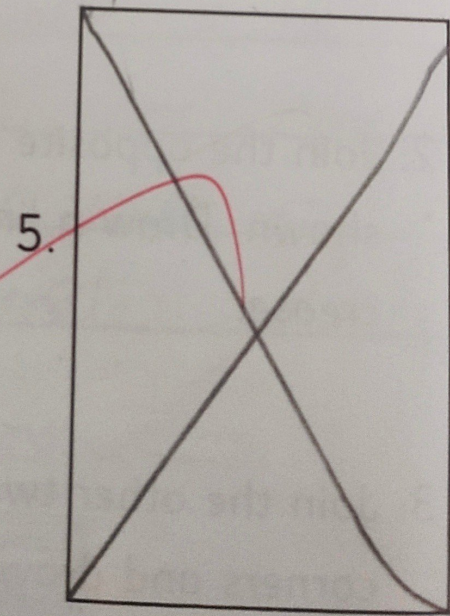
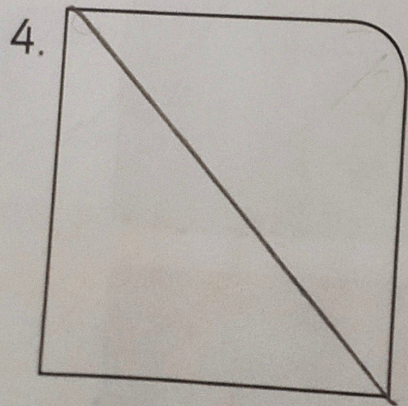
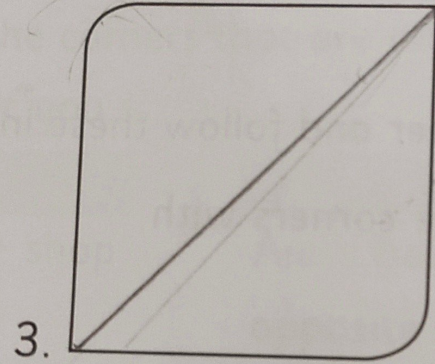
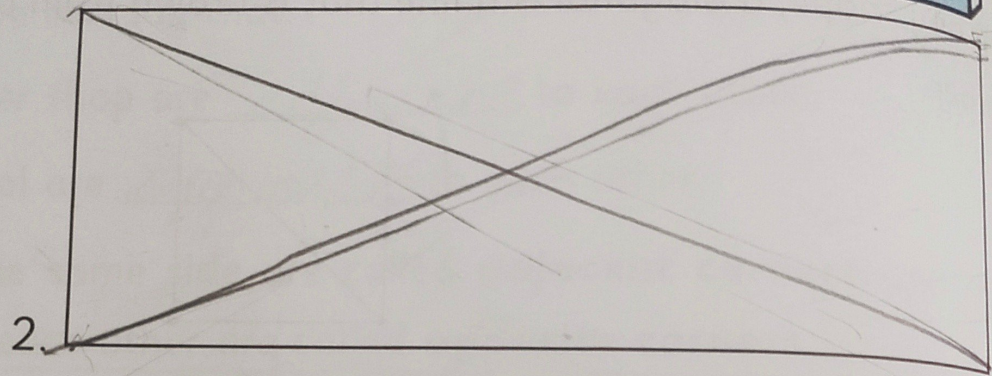
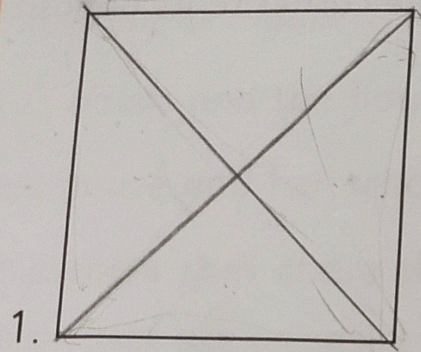


Draw diagonals for the following shapes.

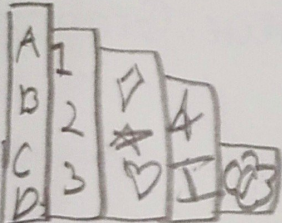
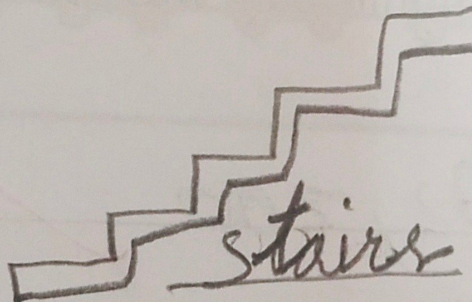





LOOK AROUND

Observe the things around your classroom, school and house to find things arranged in ascending or descending order. Describe or draw your observations.

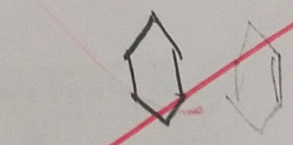
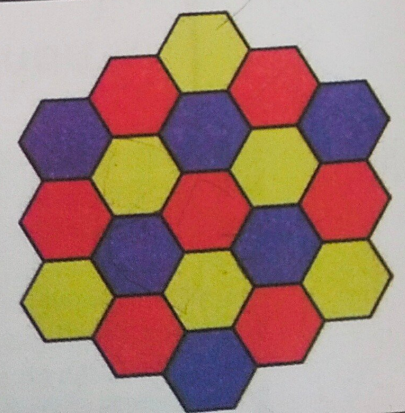
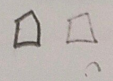
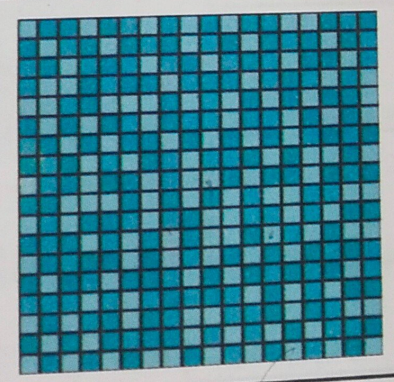
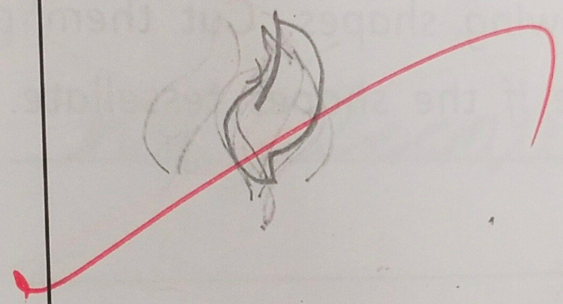
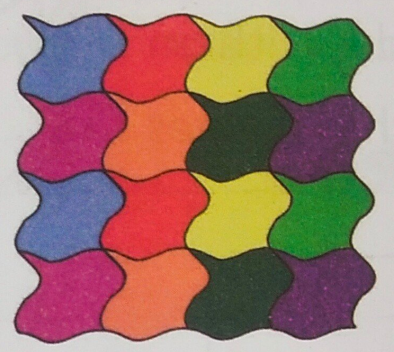
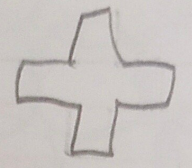
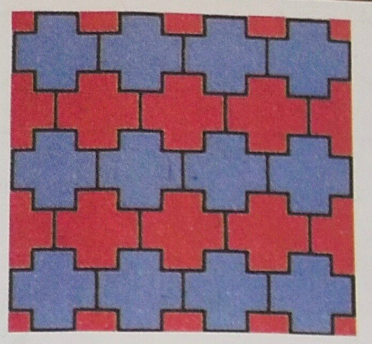
2.15

Classroom	School	House
 <p><u>Books</u></p> <p><u>descending order</u></p>	 <p><u>stairs</u></p> <p><u>ascending order</u></p>	 <p><u>Toys</u></p> <p><u>descending order</u></p>

Pick one of the recorded arrangements and discuss with your partner, why this arrangement is followed.

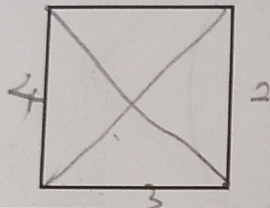
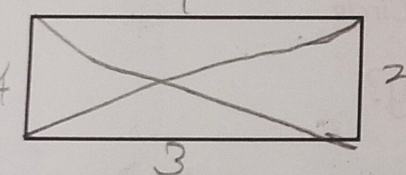
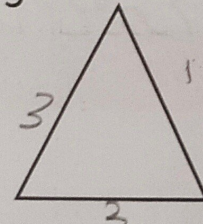
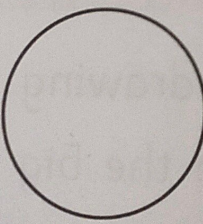
Blank space for student response.

Shape that is tessellating

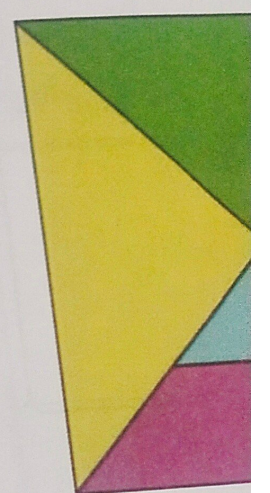


Draw diagonals for the shapes in the first column. Fill in the table with the properties of the given shapes.

1.6

Shape	Number of sides	Number of diagonals
Square 	4	2
Rectangle 	4	2
Triangle 	3	0
Circle 	1	0

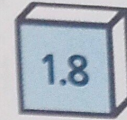
tangram is a set of different ways to create even pieces are called The shapes in Figure



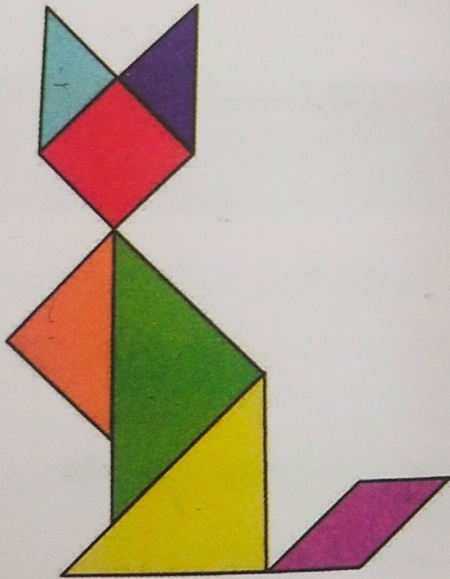
Hands-on
Use the to create the Write the

Hands-on

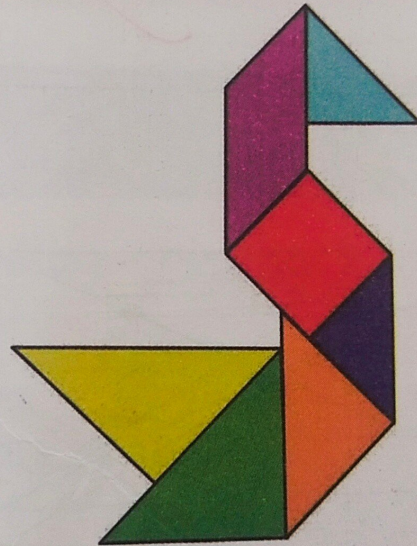
Use the tangram set given at the end of your *Studio* and create the following shapes.



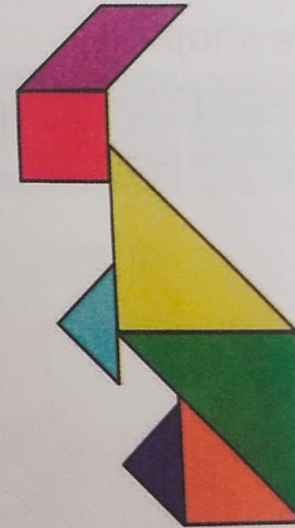
Write the name for each of these shapes in space provided.



cat



swan

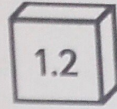


Rabbit

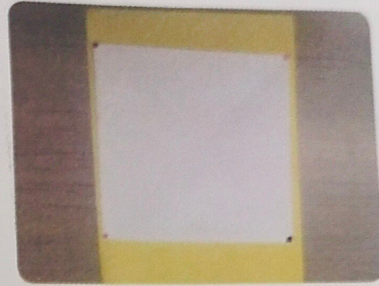


Hands-on

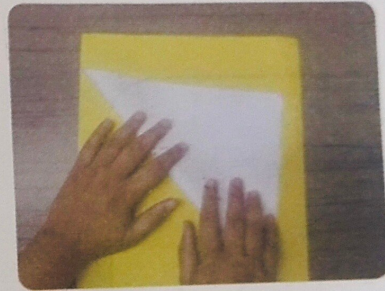
Take a square sheet of paper and follow these instructions.



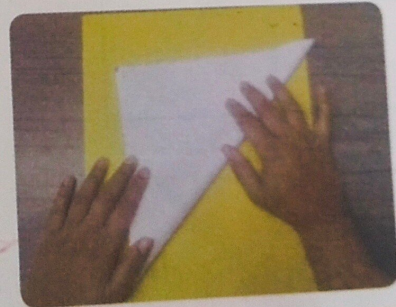
Step 1: Mark the opposite corners with the same colour.



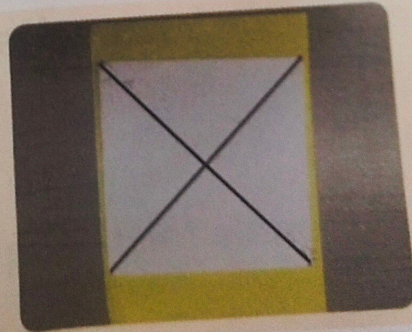
Step 2: Join the opposite corners as shown. Draw a line on the crease.



Step 3: Join the other two opposite corners and draw a line on the crease.



The lines drawn from any corner of a shape to its opposite corner form the diagonals of this shape.

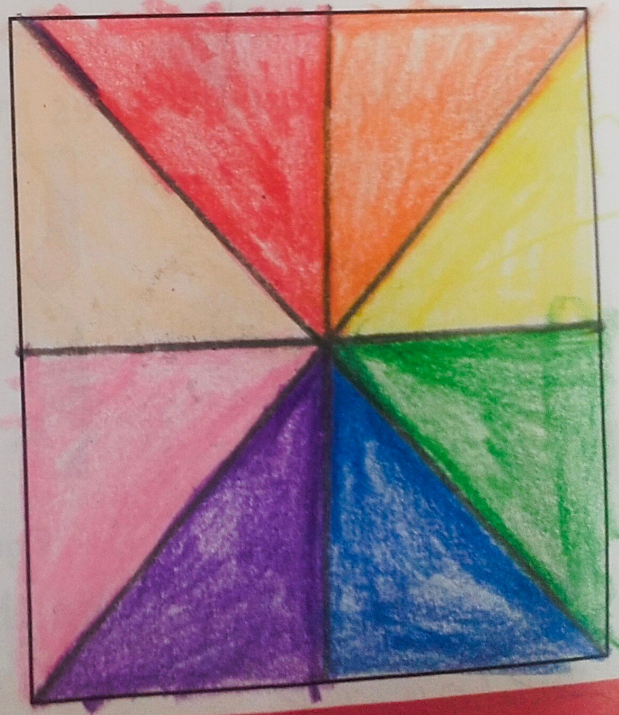
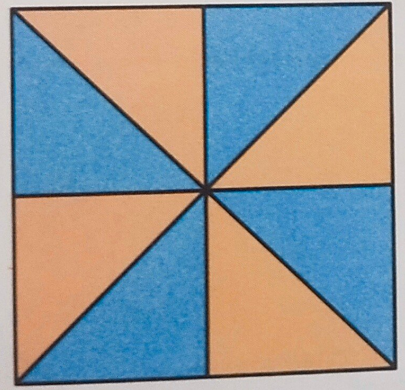


No, because there are no opposite corners



Look at the given design. It has been created by drawing only one diagonal of each small square within the big square.

1.5



Create your own design by drawing small squares and their diagonals inside the given square.