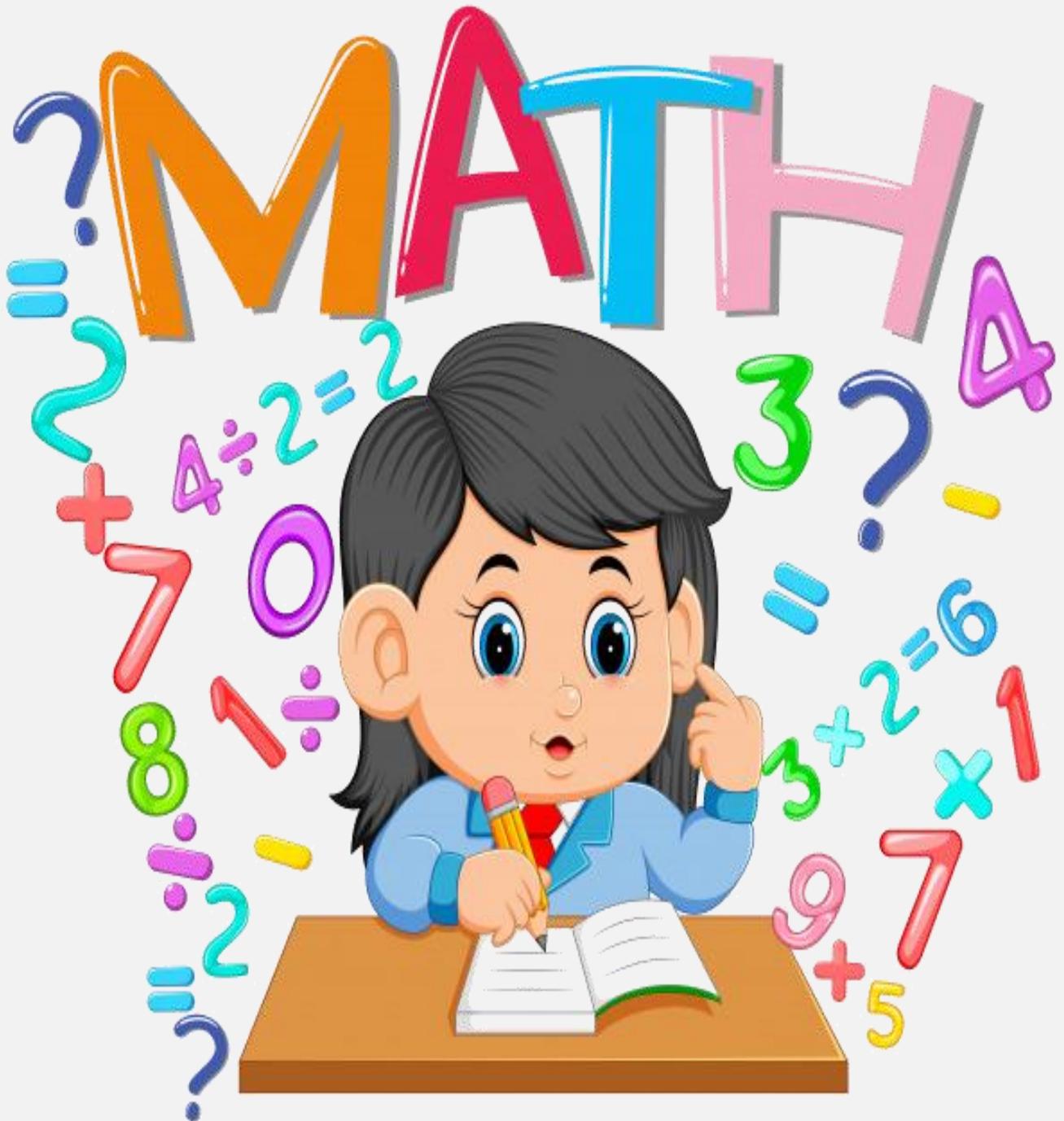MERUVAMBAYI M U P SCHOOL

WORKSHEET 2 – MATHEMATICS

TOPIC: PARALLEL LINES

CLASS: VII   DATE: 13/06/20

We already discussed about parallel lines. You all know when we call two lines are parallel and what are the peculiarities of parallel lines
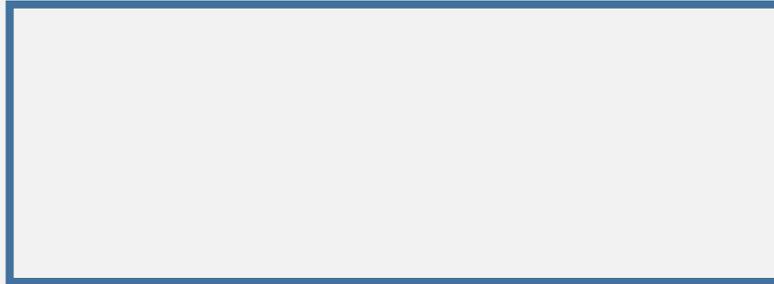
Line which are at the same distance everywhere, and do not meet anywhere, are called parallel lines
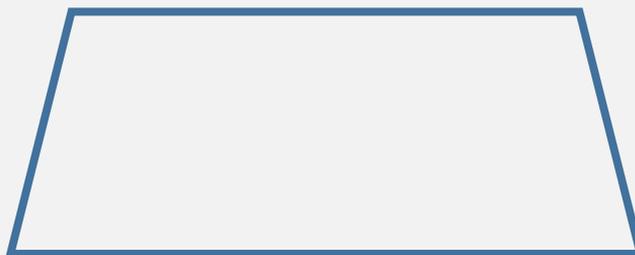
Parallel Lines

ACTIVITY 1

Consider the rectangle given below.

- If we extend the top and bottom sides, do they meet?
- What about the left and right side?
- Does any pair opposite sides meet if we extend them?
- What about the quadrilateral given below?

Don't you know how to draw a rectangle?

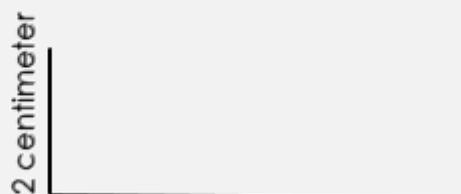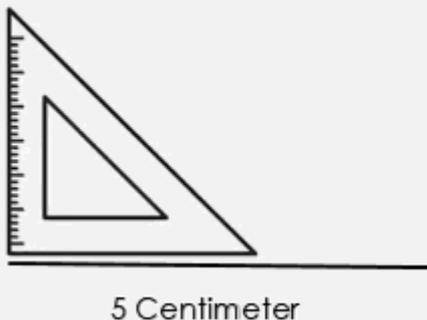How do we draw a rectangle of length 5 centimetre long and breadth 2 centimetre?
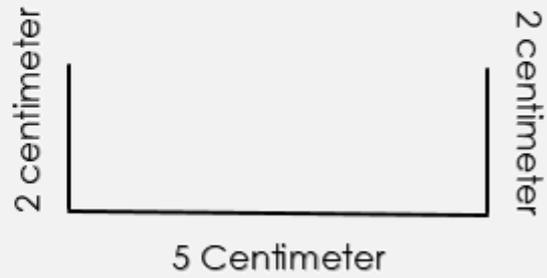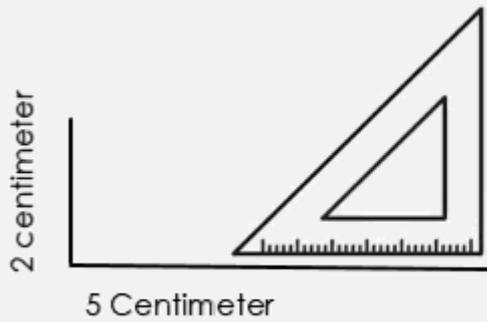
There are several ways right?
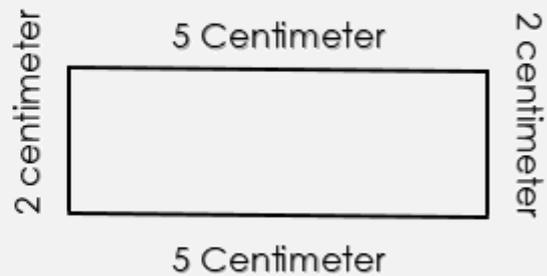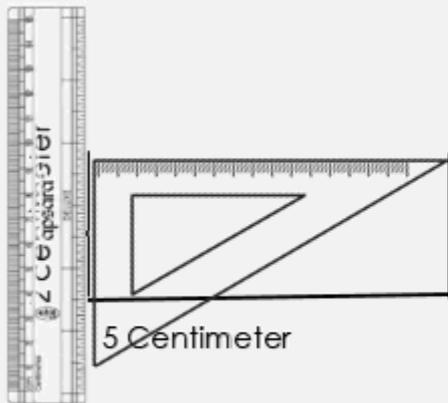
ACTIVITY 2

Draw a horizontal line 5 centimetre long.

5 Centimeter

Draw the perpendicular to the line through the point

5 Centimeter

2 centimeter

Draw the perpendicular to the next end also.

2 centimeter

5 Centimeter

2 centimeter

5 Centimeter

2 centimeter

Now by shifting the setsquare upward and putting its square corner at the point, we can draw the parallel.

5 Centimeter
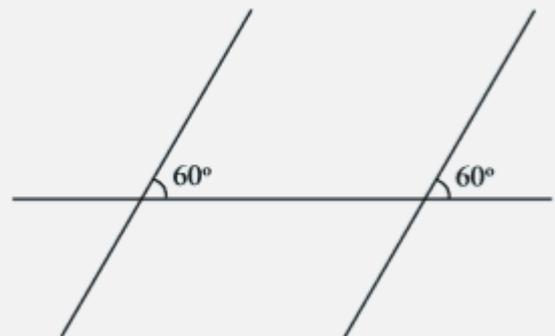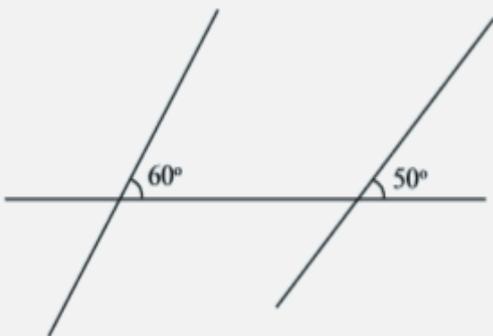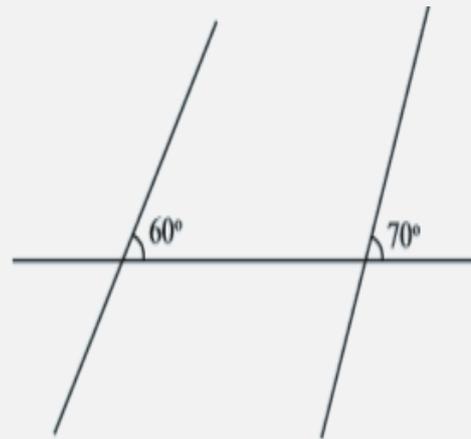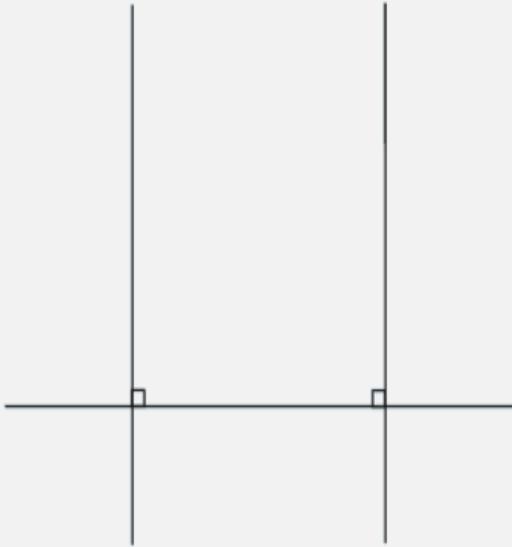
2 centimeter

5 Centimeter

5 Centimeter

2 centimeter

Draw this rectangle in your maths notebook.
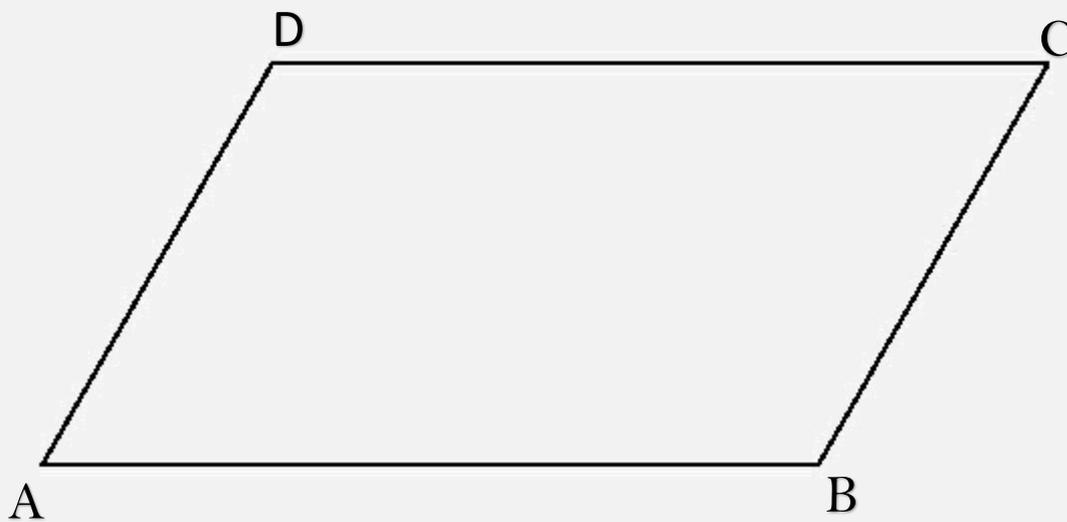
ACTIVITY 3

Look at the figures given below.

Observe the figures carefully….

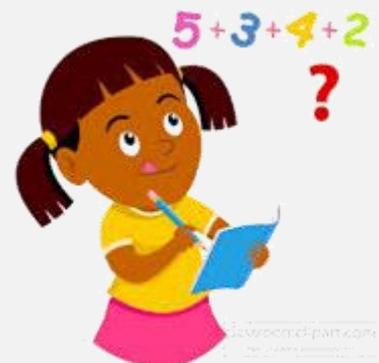What would happen if the lines of each figures extended upwards and downwards?

Would they meet or not?

ACTIVITY 4

Observe the below figure and write down the parallel sides.

Do you know what is the name of this shape?

We can study more about parallel lines through our next worksheet.

Now note down all the important points and do all the activities in your maths note book.

Send me only the activities……