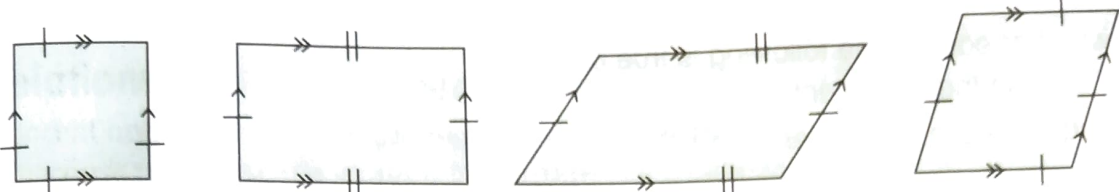
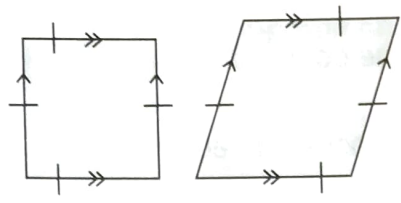


Note:

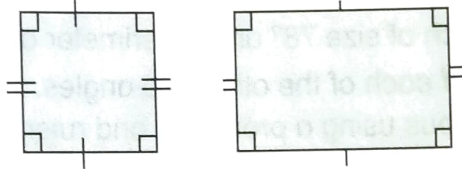
- Squares, rectangles and rhombi are all classified as parallelograms as all these shapes have opposite sides equal in length and opposite angles equal in magnitude.



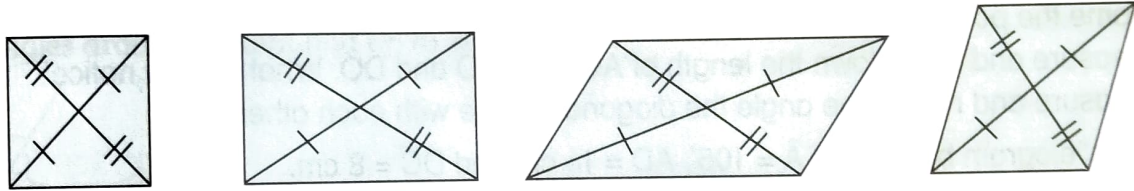
- A square is a special kind of rhombus as all the sides are equal and the opposite angles are equal.



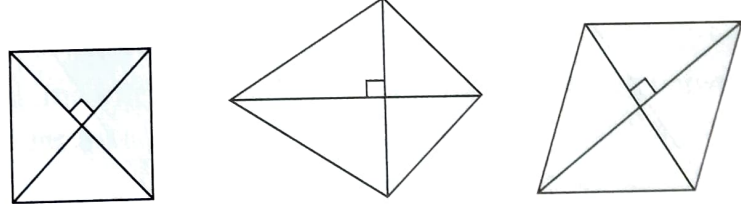
- A square is a special kind of rectangle as the opposite sides are equal and all the angles equal 90° .



- The diagonals of a square, a rectangle, a parallelogram and a rhombus bisect each other.



- The diagonals of a square, kite and rhombus are perpendicular.



Activity 3.5 Geometry of 2D shapes – quadrilaterals

20 minutes

- I. Draw four equilateral triangles with side lengths 3 cm and cut them out.
 - a) Use two of these triangles to make a rhombus. Draw your solution.
 - b) Use three of these triangles to make a trapezium. Draw your solution.
 - c) Use four of these triangles to make a parallelogram. Draw your solution.