

Perimeter and Area

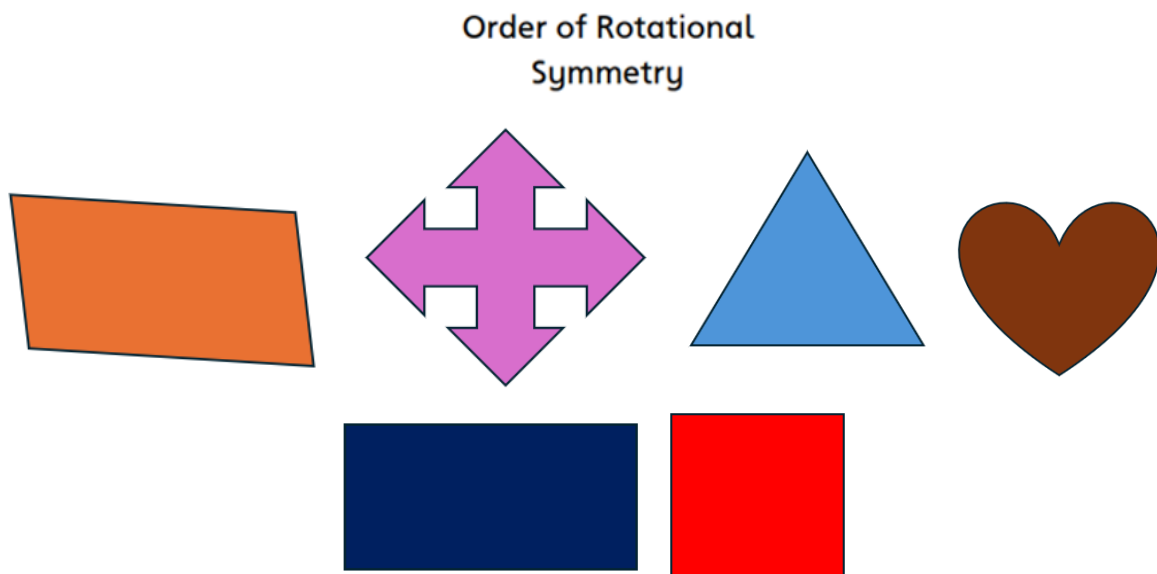
Learning Objective:

- Find and apply formulas to find perimeter and area of a square and rectangular region.
- Solve real-life situations involving perimeter and area of square and rectangular regions.

Let's Talk Math: Discuss with pupils how geometry helps in daily life.

Make Sure You Have:

- A4 Sheets
- Tracing paper
- Paper Plates



Activity: Shape Shifter

Duration: 1 Lesson

Group Activity

Let's Try It:

- Explain properties of quadrilaterals (e.g., square, rectangle, rhombus, parallelogram).
- Pupils work in pairs to draw quadrilaterals on A4 sheets.
- Provide pupils with cut-outs of geometrical shapes, tracing paper, and paper plates.
- Pupils trace, rotate the shapes, and determine the order of rotational symmetry.
- Pupils design a dream house on chart paper using only squares and rectangles.
- Encourage realistic measurements and unit considerations.
- Solve some designs on the board, focusing on area and perimeter.
- Collect rules and ideas about area and perimeter from the pupils and note them on the board for everyone to copy.

Assessment: Ask pupils to form groups of up to 5. Each group may choose a room in the school, and using what they have learnt in this unit, they must collect data, like the dimensions of the room, and use it to calculate the area and perimeter.