



# Properties of 2D Shapes

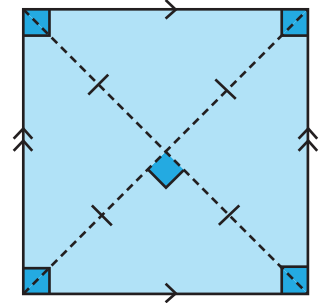
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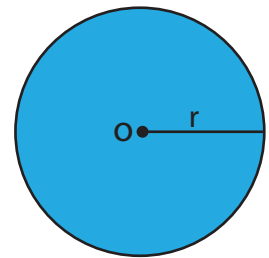
## Square

- *Four-sided regular quadrilateral.*
- *Four vertices, four angles.*
- *All sides are equal.*
- *Opposite sides are parallel.*
- *Diagonals bisect each other at right angles ( $90^\circ$ ) and are equal.*



## Circle

- *No sides and no angles.*
- *Any line drawn from the centre of the circle is called its radius.*
- *The diameter of a circle bisects the circle into two equal halves.*



## Rectangle

- *Four-sided quadrilateral.*
- *Four vertices, four angles - all angles are  $90^\circ$ .*
- *Opposite sides are parallel and are of equal length.*
- *The diagonals are equal in length.*

