## 2 Dimensional Shapes: Knowledge Organiser

Key Vocabulary	
two- dimensional	Flat. Shapes that have height and width but no depth
Vertex vertices	The points on the shape
Line	See diagram
line of symmetry	A line that cuts a line directly in half
vertical	A line that runs from top to bottom
curved	. A flowing line with no sharp turns
straight	A line that is not curved
sides	The line that joins to vertices (corner) in a shape
flat	A 2D shape that has no depth

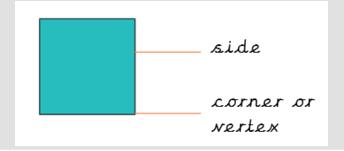
- 2 Dimensional shapes are flat. They have height and width but no depth
- Symmetry is when a line can cut through a shape directly
- A side of the shape joins 2 vertices 3
- Vertices are the corners/points on the shape

#### Prior Knowledge

Talk about and explore 2D FS and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'. To recognise and sort 2D УΙ

### Worked Examples

shapes. To name 2D shapes



#### Worked Examples









circle

1 side 0 corners

3 sides

3 corners

triangle

sauare

4 sides

rectangle

4 corners

4 corners

4 sides



quadrilateral

4 sides \_

4 corners



pentagon

5 sides

5 corners





hexagon

6 sides

8 sides

octagon

8 corners 6 corners

# Lines of symmetry

