

Home Learning Year 4 Week 2

Maths- Symmetry and shape

This week in maths we have been learning about 2D shapes and lines of symmetry. We recapped shape vocabulary and identified properties of different shapes. We learnt about lines of symmetry and identified these in different polygons.

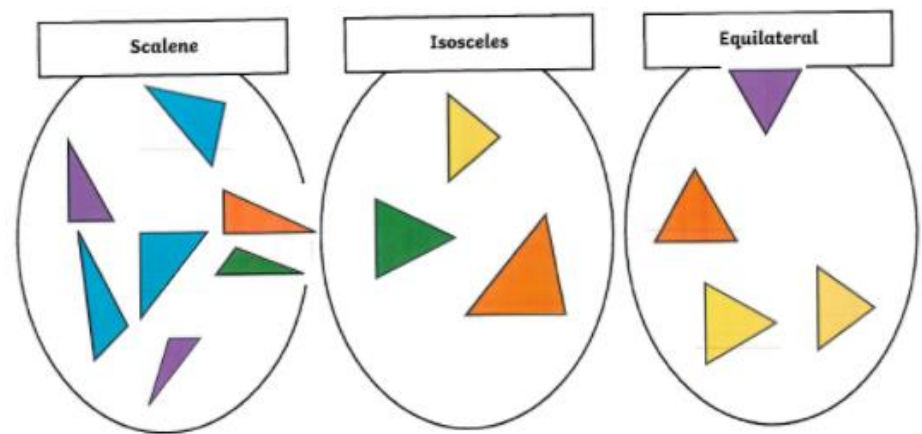
	4 equal sides	2 pairs of equal sides	1 pair of parallel sides
4 right angles			
No right angles			

The box with the X cannot be completed because a shape with 4 right angles must have 2 pairs of parallel sides.

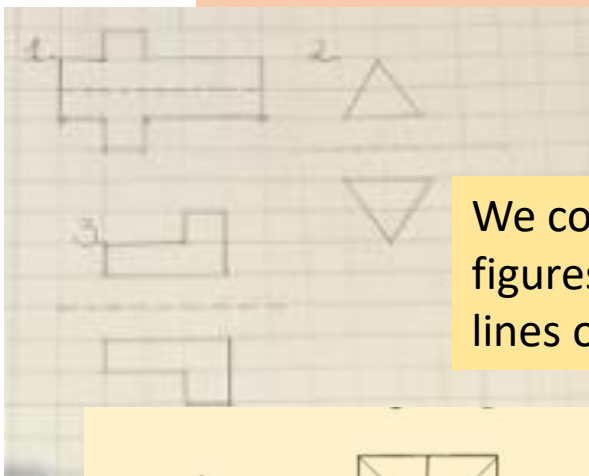
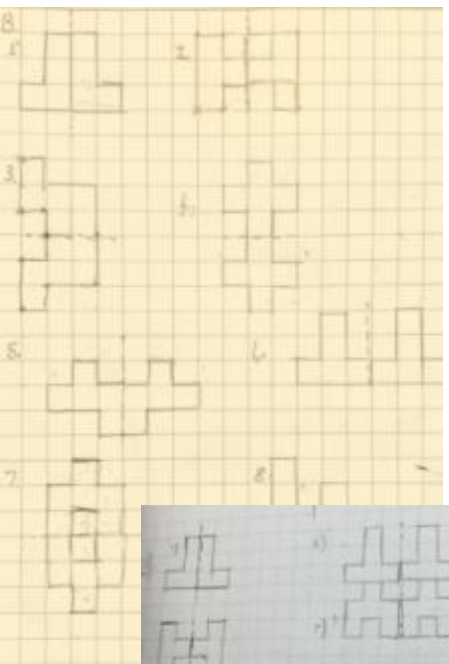
- 1. Hexagon, regular
- 2. Square, regular
- 3. triangle, regular
- 4. triangle, regular
- 5. pentagon, regular
- 6. octagon, regular
- 7. triangle, regular
- 8. pentagon, regular
- 9. irregular
- 10. irregular
- 11. diamond, regular

We completed symmetric figures with respect to lines of symmetry.

We learnt about parallel lines and what makes a shape regular.



We also found out about different types of triangle. We classified triangles based on their properties (angle sizes and side lengths).



Name <u>Triangle</u> Sides <u>3</u> Lines of Symmetry <u>3</u>	Name <u>Square</u> Sides <u>4</u> Lines of Symmetry <u>4</u>	Name <u>Pentagon</u> Sides <u>5</u> Lines of Symmetry <u>5</u>	Name <u>Hexagon</u> Sides <u>6</u> Lines of Symmetry <u>6</u>
Name <u>Heptagon</u> Sides <u>7</u> Lines of Symmetry <u>7</u>	Name <u>Octagon</u> Sides <u>8</u> Lines of Symmetry <u>8</u>	Name <u>Decagon</u> Sides <u>10</u> Lines of Symmetry <u>10</u>	

