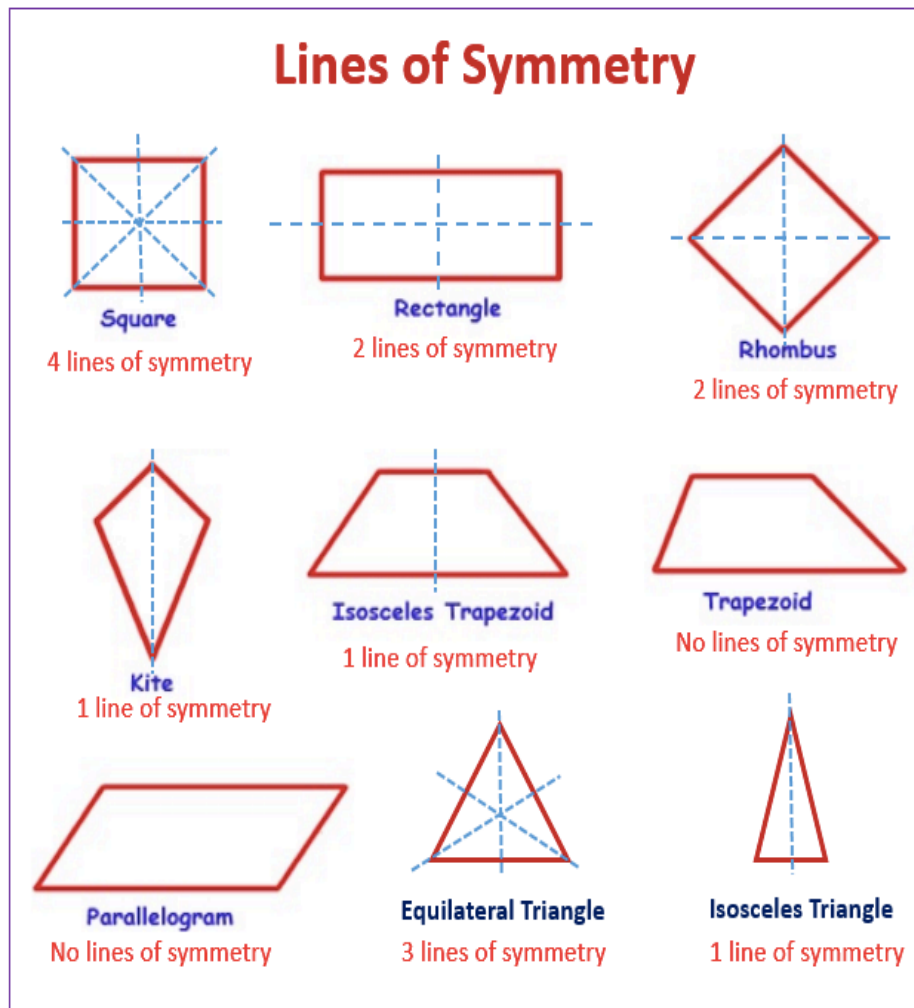


SYMMETRY Instructional Sheet

A line of SYMMETRY is a way of dividing a shape into two equal parts.

- 1) The line of symmetry **creates a reflection**, or a 'mirror image' of two parts of a shape.
- 2) A line of symmetry also **creates a fold**. It allows one side of a shape to be folded exactly onto the other side of a shape.
- 3) In a **regular polygon** (A shape that has sides that are all equal and angles that are all equal. for example, a square or an equilateral triangle), **the number of lines of symmetry equals the number of sides in the polygon.**
(ie. a square has 4 lines of symmetry, and an equilateral triangle has 3 lines of symmetry)



Symmetry (math) is everywhere!

