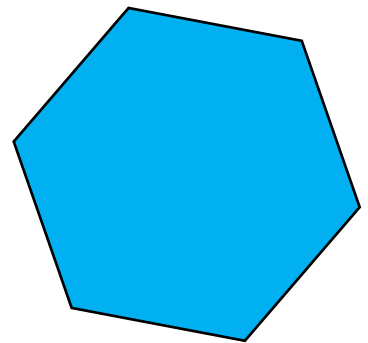
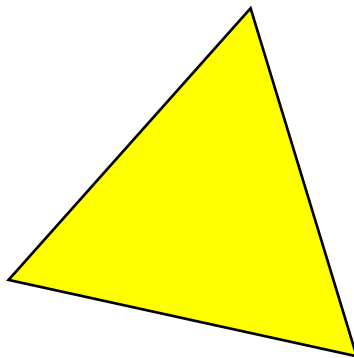
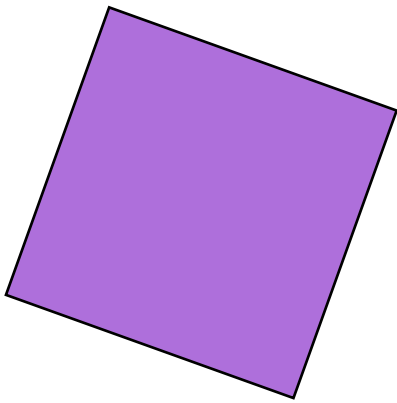


Polygon Party!

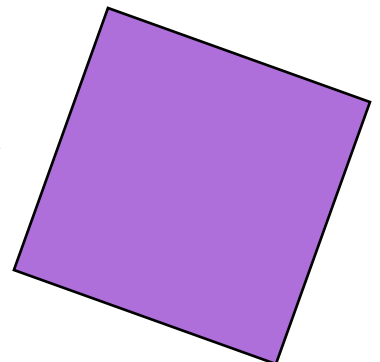
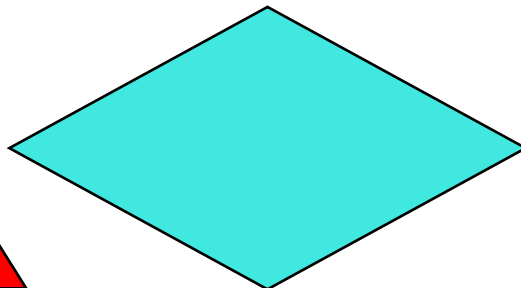
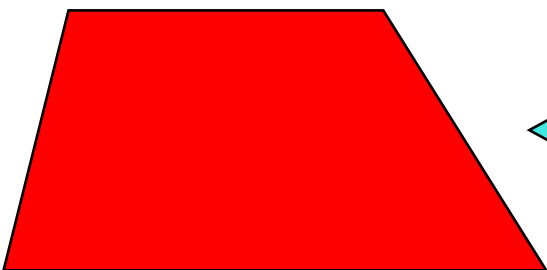
Polygons (poly = many)

A **Polygon** is any 2D shape with straight sides. Any of these shapes (and many more!) are **Polygons!**



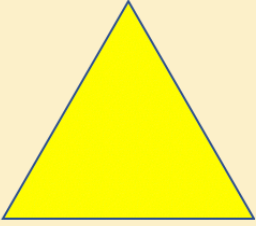
Quadrilaterals (quad = 4)

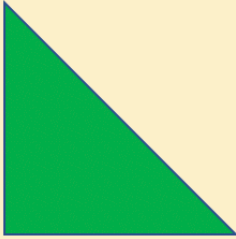
A **Quadrilateral** is a 2D shape with 4 straight sides and 4 points (vertices). Any of these shapes (and many more!) are **Quadrilaterals!**

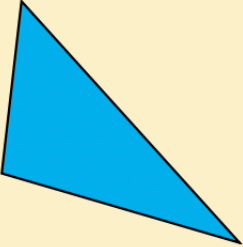


Triangles (tri = three)

A **Triangle** is a shape with 3 sides and 3 vertices. The three main types of **Triangles** are; **equilateral, isosceles and scalene.**

Equilateral Triangle		3 equal sides	3 equal angles	0 pairs of parallel sides	3 lines of symmetry
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Isosceles Triangle		3 sides (2 equal sides)	2 equal angles	0 pairs of parallel sides	1 line of symmetry
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Scalene Triangle		3 sides (No equal sides)	0 equal angles	0 pairs of parallel sides	0 lines of symmetry
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