Acute

A CUTE ANGLE

Right

Obtuse
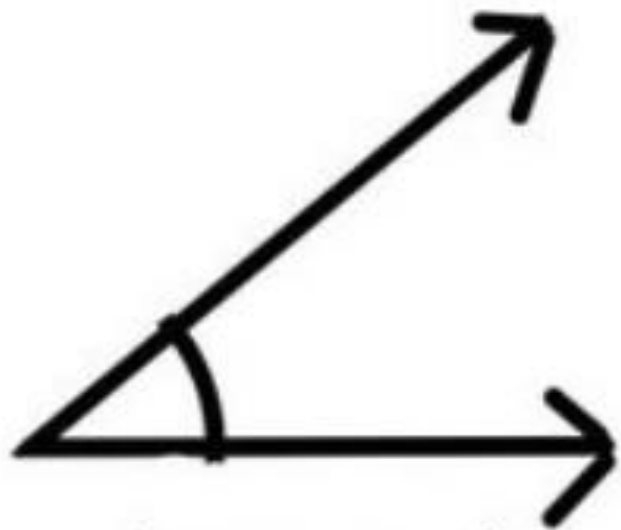
Acute angle
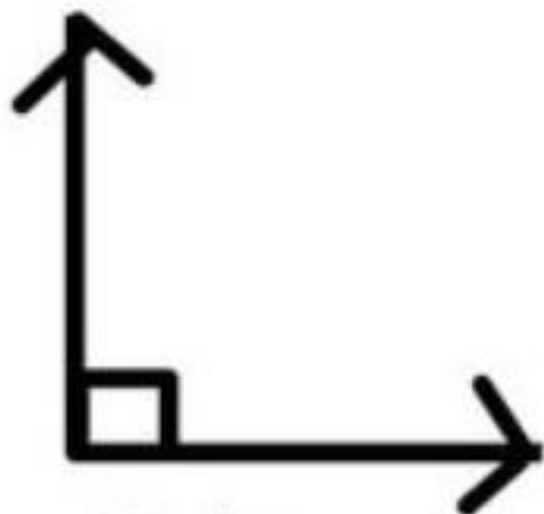
Right angle

Obtuse angle
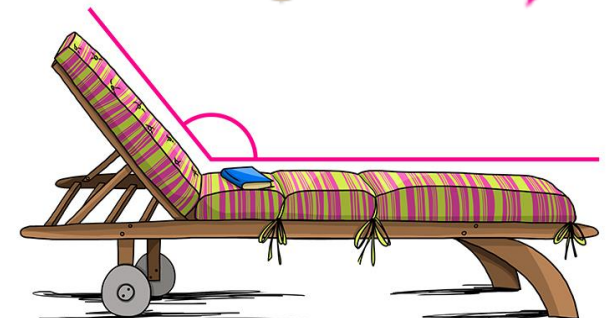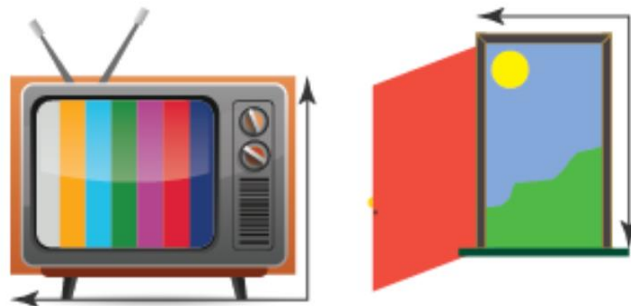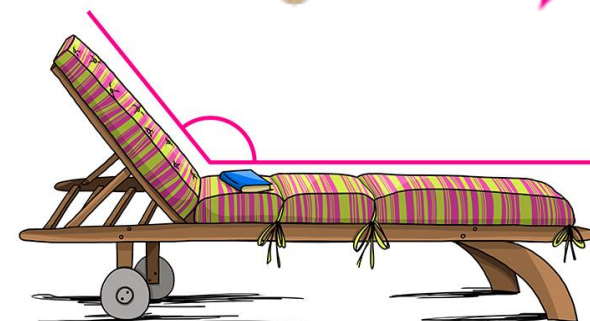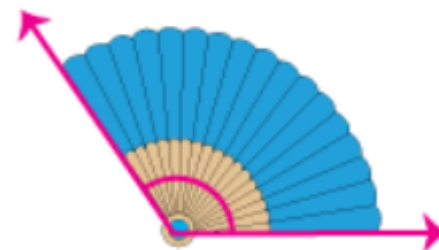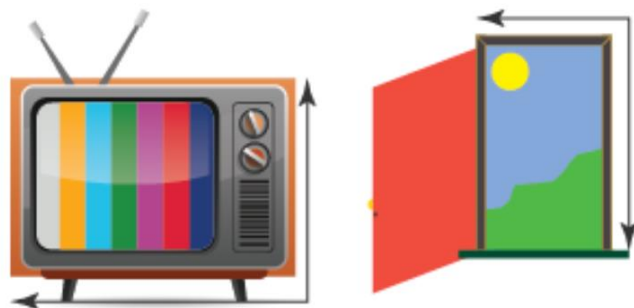
Types of Quadrilaterals

Rectangle
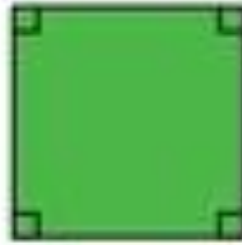
Sqaure

Parallelogram
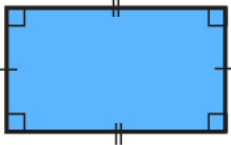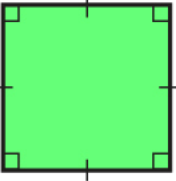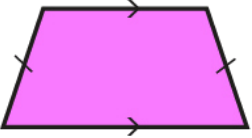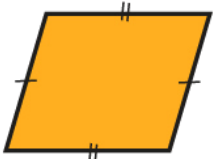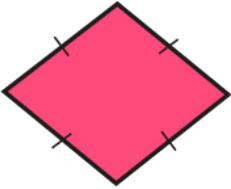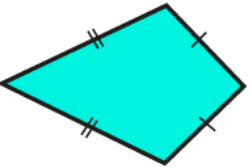
Rhombus
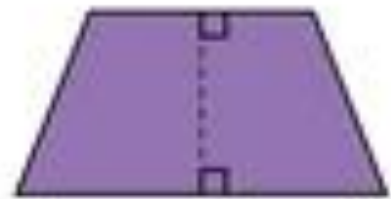
Trapezium

Kite

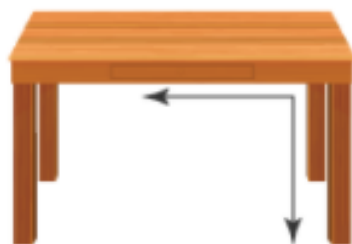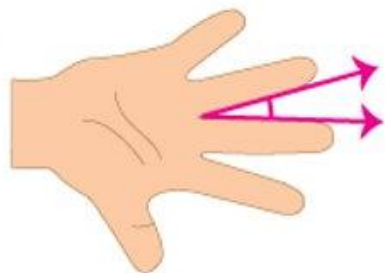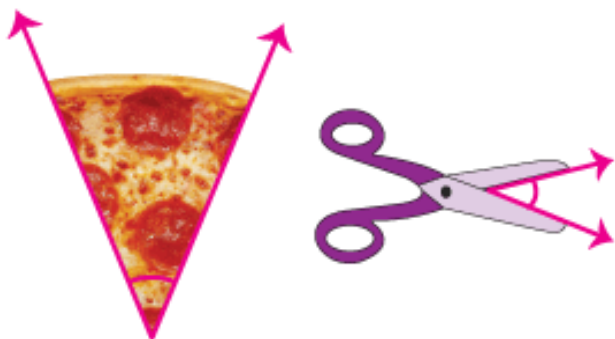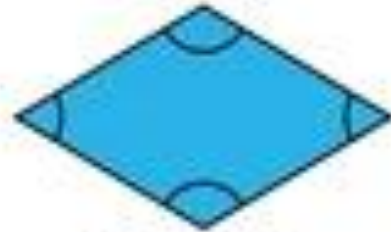| Quadrilateral	Figure	Properties
Rectangle		• 4 right angles • 2 pairs of parallel sides • 2 lines of symmetry • rotational symmetry of order 2
Square		• 4 right angles • 4 congruent sides • 4 lines of symmetry • rotational symmetry of order 4
Trapezoid		• 1 pair of parallel sides • Isoceles triangles have 1 pair of congruent sides
Parallelogram		• 2 pairs of parallel sides • 2 pairs of congruent sides
Rhombus		• 4 congruent sides • 2 lines of symmetry • rotational symmetry of order 2
Kite		• 2 pairs of congruent sides • 1 line of symmetry

By Side
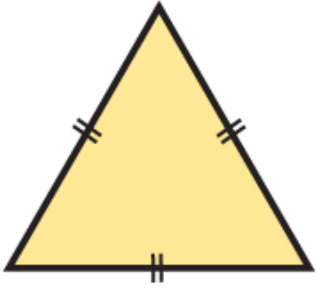
Equilateral Triangle
has three equal sides
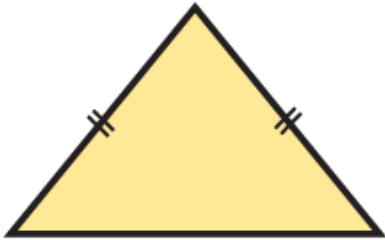
Isoceles Triangle
has two equal sides
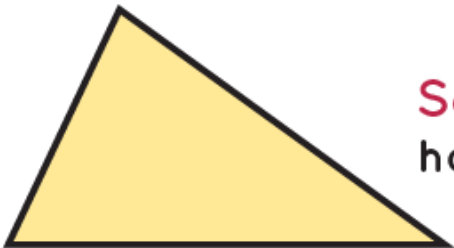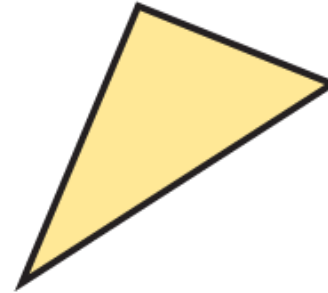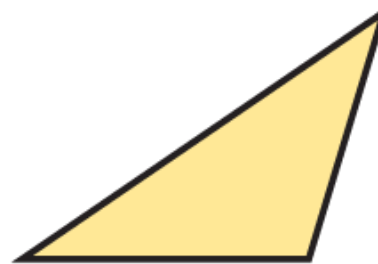
Scalene Triangle
has no equal sides

By Angle

Acute Triangle
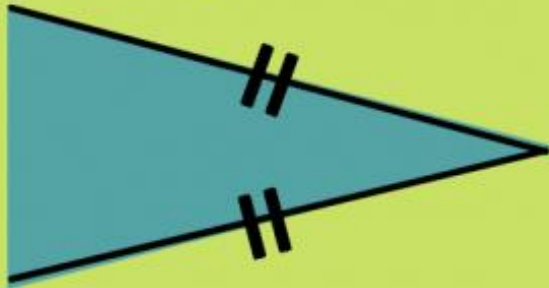has three angles $< 90°$

Right Triangle
has one angle $= 90°$

Obtuse Triangle
has one angle $> 90°$

Types of Triangles

By Side

Equilateral
3 equal sides
all angles 60°

Isosceles
2 equal sides
2 equal angles

Scalene
no equal sides
no equal angles

By Angle

Right
1 angle = 90°

Acute
all angles < 90°

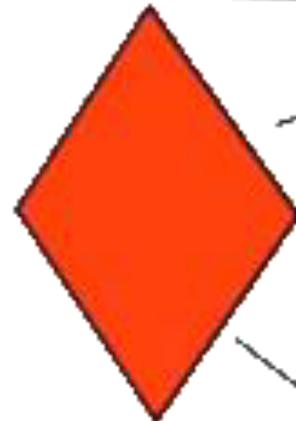**Obtuse**
1 angle > 90°

sciencenotes.org

Quadrilateral

Kite

Trapezoid

Parallelogram

Rhombus

Rectangle

Square