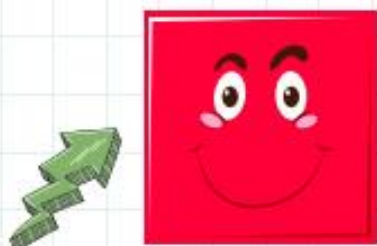


Basic 2D shapes and their properties include:



Square

Sides: 4

Corners: 4

Angles: 4 (all right angles)

Lines of Symmetry: 4

(2 diagonal lines and 2 horizontal/vertical lines)



Rectangle

Sides: 4

Corners: 4

Angles: 4 (all right angles)

Lines of Symmetry: 2

(1 horizontal and 1 vertical)



Circle

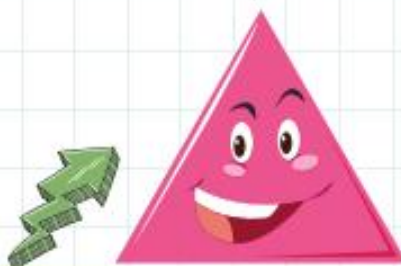
Sides: 0 (no straight sides)

Corners: 0

Angles: Infinite (all angles are 0 degrees)

Lines of Symmetry: Infinite

(infinite lines of symmetry through the center)



Triangle

Sides: 3

Corners: 3

Angles: 3

Lines of Symmetry: 3

(1 line of symmetry for each side)

Pentagon

Sides: 5

Corners: 5

Angles: 5

Lines of Symmetry: 5

(1 line of symmetry for each side)





Hexagon

Sides: 6

Corners: 6

Angles: 6

Lines of Symmetry: 6

(1 line of symmetry for each side)



Rhombus (diamond)

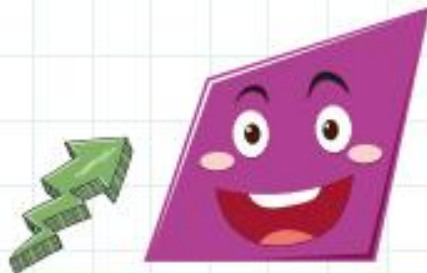
Sides: 4

Corners: 4

Angles: 4 (all equal)

Lines of Symmetry: 2

(2 diagonal lines of symmetry)



Trapezoid

Sides: 4

Corners: 4

Angles: 4

Lines of Symmetry: 0

(no lines of symmetry)



Parallelogram

Sides: 4

Corners: 4

Angles: 4

Lines of Symmetry: 0

(no lines of symmetry)