

2-dimensional (2D)

**a shape that has no thickness;
a flat shape**

3-dimensional (3D)

**an object that has thickness
(height, width and depth)**

angle

a measurement of the space
between two lines that meet
at a point

attribute

**some specific characteristic of
an object such as shape, size
or color**

circle

a rounded 2-dimensional
shape with no corners

cone

**a 3-dimensional figure that
has a circle base and one
vertex joined by a curved
surface**

congruent

**shapes that are identical in
shape and size**

corner

**the point where two sides of a
shape meet**

cube

**a 3-dimensional shape that
has 6 square sides**

cylinder

a 3-dimensional figure with a top and bottom circle base, joined by a curved surface

decagon

a 2-dimensional shape with
ten straight sides

diagonal

a line or line segment that is
slanted

face

any of the flat surfaces of a 3-dimensional shape

fourths

**any one of four equal parts of
a whole**

geometry

**the area of math that deals
with points, lines, shapes and
space**

half or halves

one of two equal parts of a
whole

half-circle

half of a circle; also called a
semi-circle

heptagon

a 2-dimensional shape with
seven straight sides

hexagon

a 2-dimensional shape with
six straight sides

horizontal

going from side to side...like
the horizon

line

a thin straight mark that goes
out in both directions without
ever ending

line of symmetry

**an imaginary line that divides
a shape into two halves that
are mirror images of each
other**

line segment

a thin straight mark that
stops at a point on both ends

nonagon

**a 2-dimensional shape with
nine straight sides**

octagon

a 2-dimensional shape with
eight straight sides

oval

a 2-dimensional curved shape
that looks like a stretched out
circle

pentagon

a 2-dimensional shape with
five straight sides

point

an exact spot or location that
has a position, but no size

polygon

**any 2-dimensional shape with
straight lines**

pyramid

a 3-dimensional shape with a base that has 3 or more sides and triangular faces that meet at the top

quadrilateral

any 2-dimensional shape that
has four straight sides

quarter circle

one-fourth of a circle

rectangle

a 2-dimensional shape with
four straight sides where
opposite sides are the same
length

rhombus

a 2-dimensional four-sided
shape with straight sides that
all have equal lengths

right rectangular prism

**a 3-dimensional shape that
has six rectangular faces**

shape

the form or outline of an area
or object

sphere

**a 3-dimensional shape where
every outside point is the
same distance from the center**

square

**a 2-dimensional shape with
four straight sides all the same
length; a special kind of
rectangle**

symmetry or **symmetrical**

when one shape becomes
exactly like another if you
slide, flip or turn it

thirds

**any one of three equal parts
of a whole**

trapezoid

**a 2-dimensional shape that
has one pair of opposite sides
that are parallel**

triangle

**a 2-dimensional three-sided
shape**

vertex/vertices

**a point where two or more
straight lines meet; a corner**

The page has a decorative border consisting of a repeating pattern of blue and white triangles. The triangles are of various shades of blue, ranging from light to dark, and are arranged in a geometric, tessellated pattern around the central text area.

vertical

**in an up and down
position...like a flagpole**