Geometry Glossary

line segment	two points on a line and all the points that lie between them
angle	the union of two segments or rays with a common endpoint
right angle	an angle that measures 90°
parallel lines	two distinct lines in the same plane that do not intersect
scalene triangle	a triangle with three sides of different lengths
isosceles triangle	a triangle with at least two sides of the same length
equilateral triangle	a triangle with three sides of the same length
right triangle	a triangle with one right angle
vertex	the common endpoints of the line segments that form an angle
parallelogram	a quadrilateral with two pairs of parallel sides
rhombus	a quadrilateral with four sides of the same length
rectangle	a quadrilateral with four right angles
square	a quadrilateral with four sides of the same length and four right angles
diagonal	a line segment that connects nonadjacent vertices in a figure
adjacent sides	sides which share a common vertex
midpoint	the point that divides a line segment into two line segments of equal length
kite	a quadrilateral with two non-overlapping pairs of adjacent sides that are the same length
trapezoid	a quadrilateral with exactly one pair of parallel sides
isosceles trapezoid	a quadrilateral with exactly one pair of parallel sides and the remaining sides are of the same length
acute angle	an angle with a measure less than 90°
obtuse angle	an angle with a measure greater than 90° but less than 180°
straight angle	an angle which measures 180°
reflex angle	an angle with a measure greater than 180° but less than 360°
adjacent angles	two angles that share a vertex and a side but no interior points
vertical angles	two nonadjacent angles formed by two intersecting lines
supplementary angles	two angles whose measures add up to 180°
complementary angles	two angles whose measures add up to 90°
perpendicular lines	two lines that intersect to form a right angle
acute triangle	a triangle with three acute angles
obtuse triangle	a triangle with one obtuse angle