

Unit: 4. CONGRUENT TRIANGLES AND QUADRILATERALS

VOCABULARY

altitude of a triangle	A segment from a vertex perpendicular to the opposite side.
base angles	The two angles that include the base of an isosceles triangle.
base of an isosceles triangle	The third, unequal side of an isosceles triangle.
bases of a trapezoid	The parallel sides of a trapezoid.
congruent figures	If a one-to-one correspondence between the parts of two figures is such that the corresponding parts are equal, then the figures are congruent.
corresponding angles	Angles paired with one another in a one-to-one correspondence between geometric figures.
corresponding sides	Sides paired with one another in a one-to-one correspondence between figures.
included angle	The angle formed by two sides of a triangle.
included side	The side of a triangle formed by the common side of two angles.
isosceles trapezoid	A trapezoid with both legs of the same length.
legs of a trapezoid	The nonparallel sides of a trapezoid.
median of a trapezoid	The segment connecting the midpoints of the legs.
median of a triangle	A segment from a vertex to the midpoint of the opposite side.

one-to-one correspondence	The situation when each member of a set, such as angles of a triangle, can be paired with one and only one member of another set.
parallelogram	A quadrilateral with both pairs of opposite sides parallel.
rectangle	A parallelogram with four right angles.
rhombus	A parallelogram with all sides of equal length.
square	A rectangle with all sides equal and four right angles.
trapezoid	A quadrilateral with exactly one pair of parallel sides.
vertex angle	The angle formed by the two equal sides of an isosceles triangle.