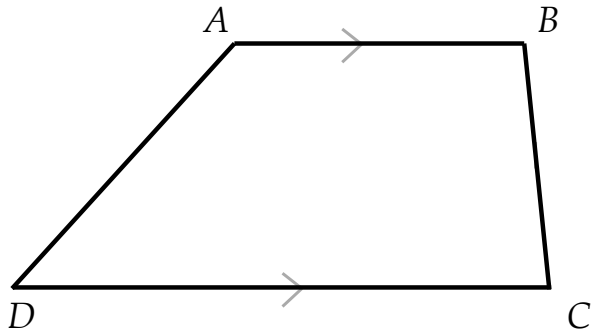


# Trapezoid

A **trapezoid** is quadrilateral with exactly one pair of parallel sides.

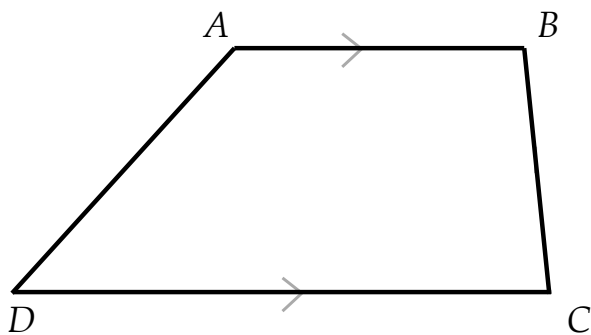


The parallel sides are called the bases.

The nonparallel sides are called the legs.

# Trapezoid

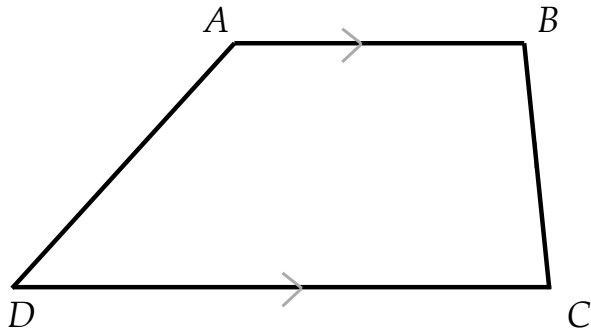
A **trapezoid** is quadrilateral with exactly one pair of parallel sides.



Base Angle Pairs  
Angles that share a base

# Trapezoid

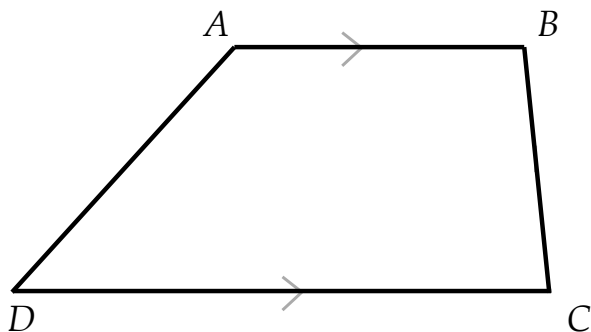
A **trapezoid** is quadrilateral with exactly one pair of parallel sides.



Angle Relationships with Trapezoids  
Same-Side Interior Angles

# Trapezoid

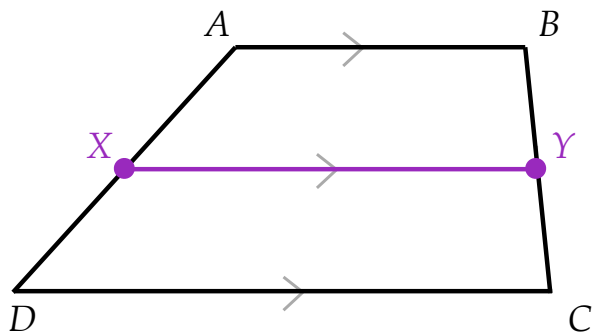
A **trapezoid** is quadrilateral with exactly one pair of parallel sides.



**Median/Midsegment** of a Trapezoid  
The segment that joins the midpoints of  
the trapezoid's **legs**.

# Trapezoid

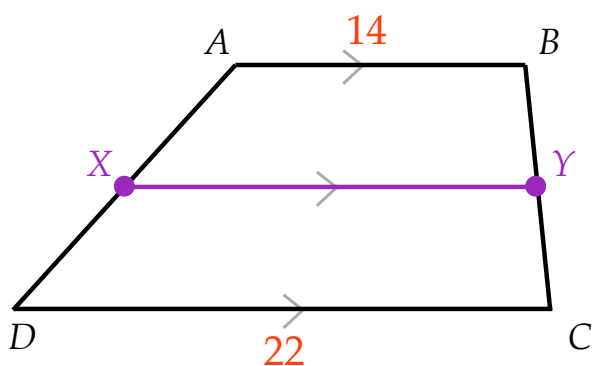
A **trapezoid** is quadrilateral with exactly one pair of parallel sides.



The **median / midsegment** of a trapezoid is parallel to the **bases** of the trapezoid

# Trapezoid

A **trapezoid** is quadrilateral with exactly one pair of parallel sides.



The measure of the **median / midsegment** is equal to one-half the sum of the measures of the **bases**.