

3.2 Quadrilaterals

Trapezoid

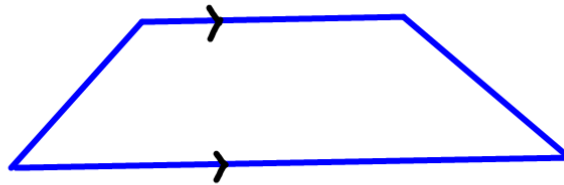
Parallelogram

Rectangle

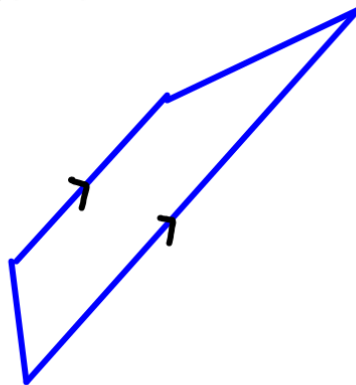
Rhombus

Square

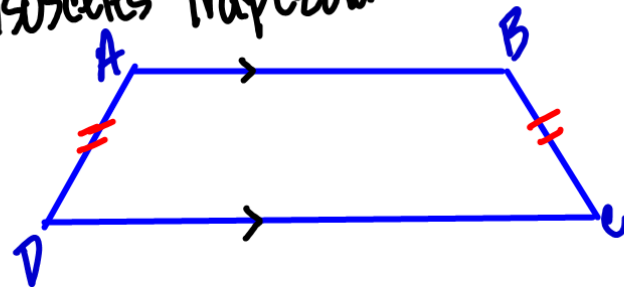
Trapezoid



Quadrilateral with one pair of parallel sides.



Isosceles Trapezoid



Non parallel are \cong

Parallelogram

2 pairs of parallel sides

Opposite sides are \cong

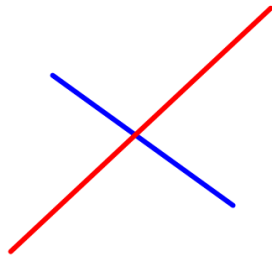
Opposite \angle s are \cong

Consecutive \angle s are supplementary

Opposite sides are \parallel

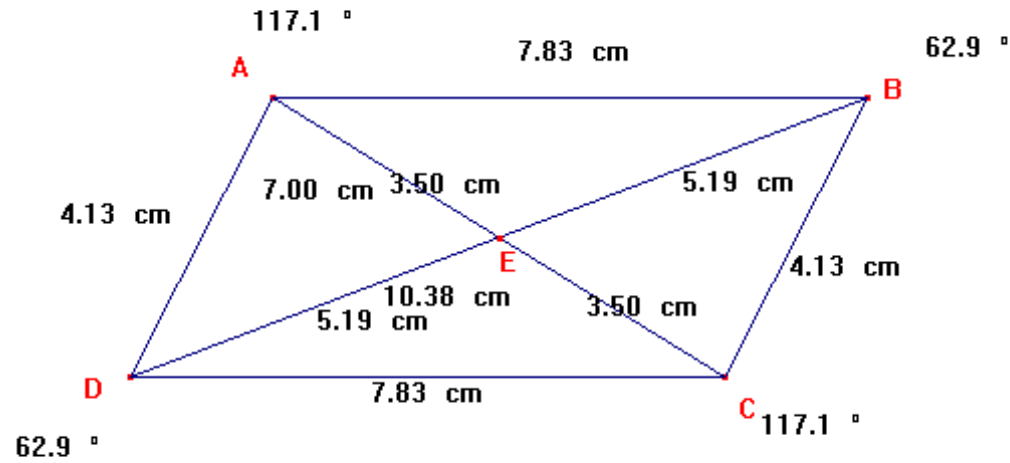
Diagonals bisect each other

Diagonal: segment joining
2 non-consecutive vertices

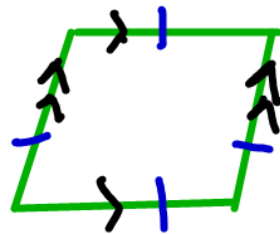


Parallelogram: a quadrilateral with
2 pairs of parallel sides

Parallelogram



Rhombus: a quadrilateral
with four congruent sides



A rhombus is a parallelogram.

Opposite sides are \parallel and \cong

Opposite \angle s are \cong

Consecutive \angle s are supplementary

Diagonals bisect each other.

All sides are \cong

Rhombus

