

Parallelogram

Rectangle

Rhombus

Square

Parallelogram: a quadrilateral
with 2 pairs of \parallel sides

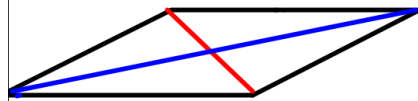
Properties of parallelograms

Opposite \angle s are \cong

Opposite sides are \cong and \parallel

Consecutive \angle s are supplementary

Diagonals bisect each other

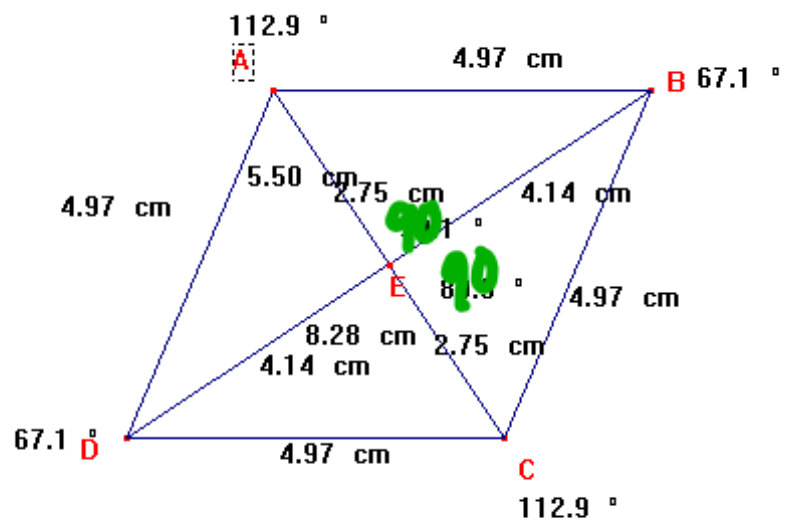


Rhombus

all properties of a 

All sides \cong

Diagonals are \perp



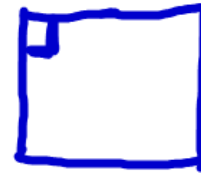
Rectangle

Opposite sides \cong and \parallel

Opposite \angle s \cong

* All \angle s are 90°

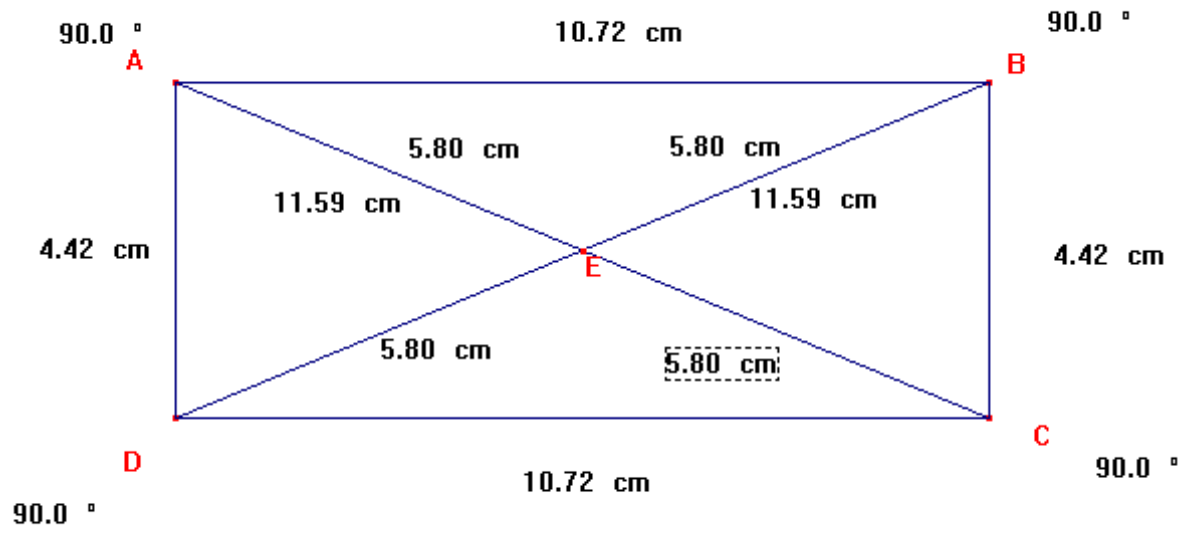
Consecutive sides \perp



Consecutive \angle 's are supplementary

Diagonals bisect each other

* Diagonals are \cong



Square

A square is a parallelogram

Definition
of parallelogram 2 pairs of \parallel sides

Opposite sides \cong and \parallel

Opposite \angle s \cong

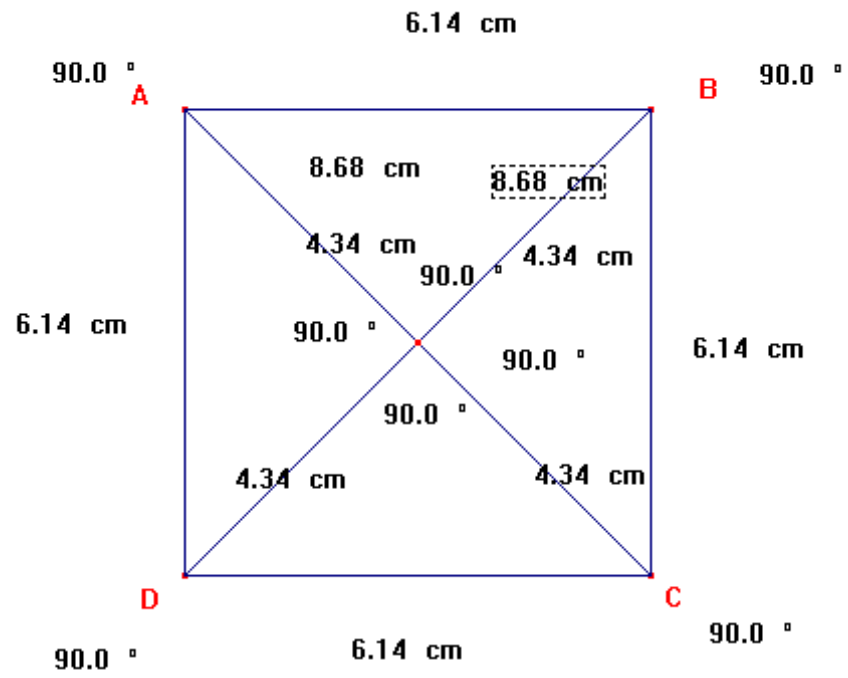
All \angle s are 90° - Rectangle

All sides \cong - Rhombus

Diagonals bisect each other

Diagonals are \cong - Rectangle

Diagonals are \perp - Rhombus



p 152

9-34A