Name _____          Date _____
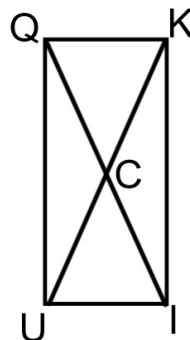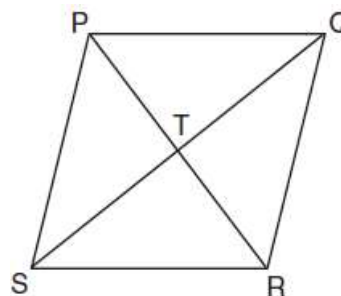Mr. Schlansky                          Geometry

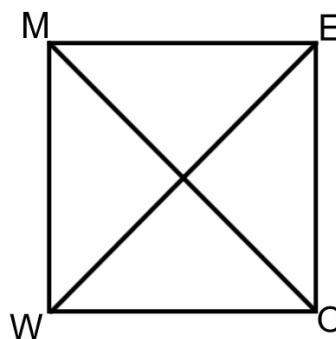# *Proving Rectangles/Rhombuses/Squares Mini Proofs*

1. Given: *QUIK* is a parallelogram, $\overline{QI} \cong \overline{KU}$
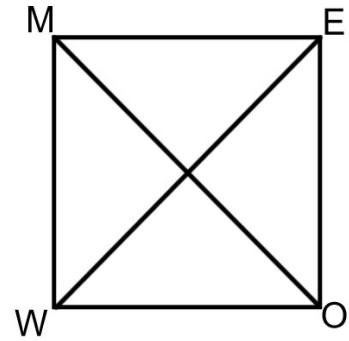Prove: *QUIK* is a rectangle

2. Given: *PQRS* is a parallelogram, $\overline{PR} \perp \overline{SQ}$ .
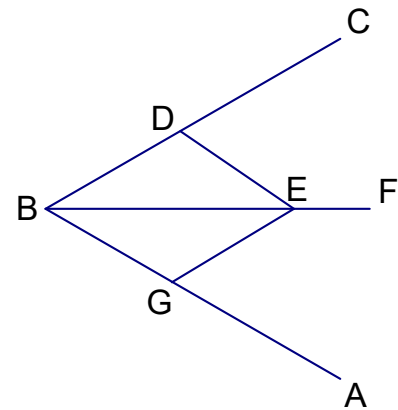Prove: *PQRS* is a rhombus

3. Given: *MEOW* is a rhombus, $\overline{MO} \cong \overline{WE}$
Prove: MEOW is a square

4. Given: *MEOW* is a rectangle, $\overline{ME} \cong \overline{EO}$
Prove: *MEOW* is a square

5. Given: *DEGB* is a parallelogram, $\overline{BF}$ bisects $\angle$CBA
Prove: *DEGB* is a rhombus

6. Given: *WXRK* is a parallelogram, $\overline{KW} \perp \overline{WX}$
Prove: *WXRK* is a rectangle