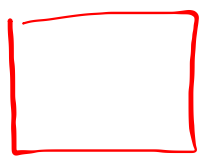
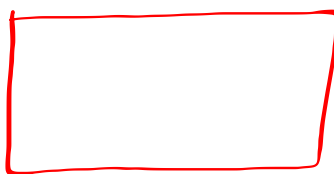


Warm-up 1/4/17

Sketch and name as many quadrilaterals as you can.



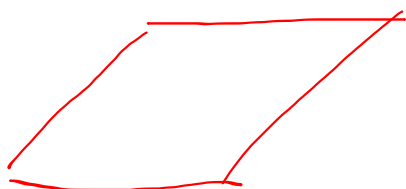
square



rectangle



trapezoid

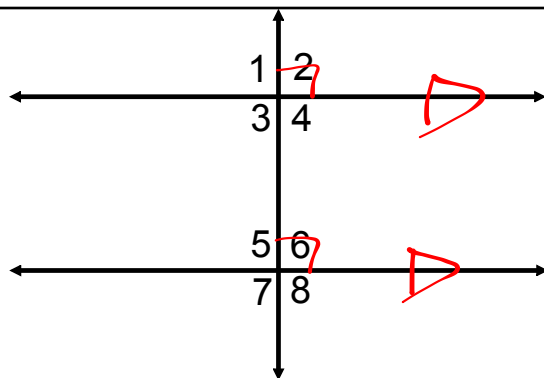


rhombus

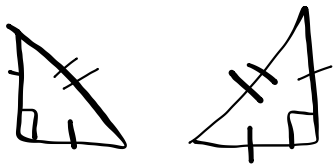
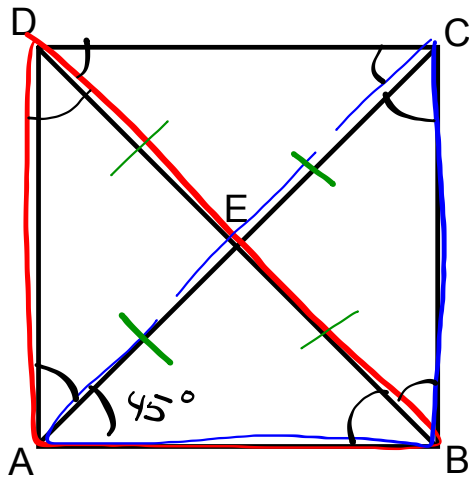


parallelogram

Pg. 480



Pg. 481-485



$$m\angle ABC = m\angle BCD = m\angle CDA = m\angle DAB = 90^\circ$$

$$\overline{AB} \parallel \overline{DC}, \overline{AD} \parallel \overline{BC}$$

$$\overline{AB} \cong \overline{DC}, \overline{AD} \cong \overline{BC}$$

$$\overline{AE} \cong \overline{EC}, \overline{DE} \cong \overline{EB}$$

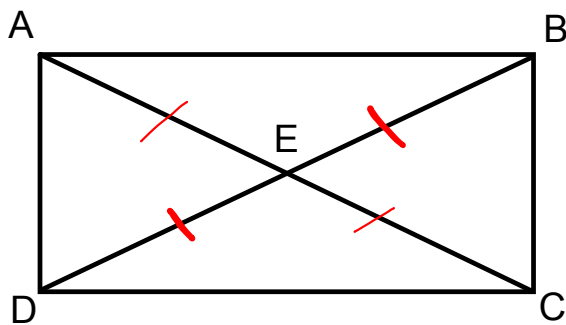
$$\overline{AC} \cong \overline{DB}$$

$$\angle DAC \cong \angle BAC, \angle BCA \cong \angle DCA$$

$$\angle ADB \cong \angle CDB, \angle ABD \cong \angle CBD$$

$$m\angle AEB = m\angle BEC = m\angle CED = m\angle DEA = 90^\circ$$

Pg. 486-493



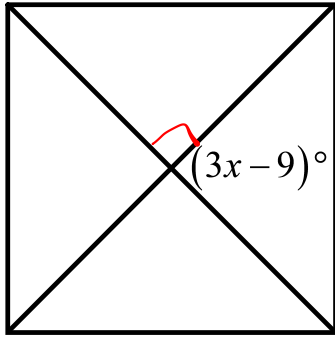
$$m\angle ABC = m\angle BCD = m\angle CDA = m\angle DAB = 90^\circ$$

$$\overline{AB} \parallel \overline{DC}, \overline{AD} \parallel \overline{BC}$$

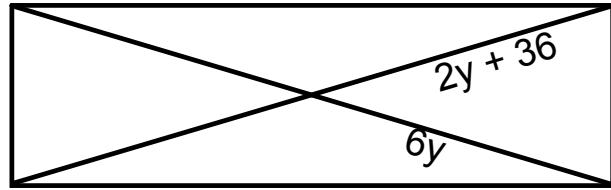
$$\overline{AB} \cong \overline{DC}, \overline{AD} \cong \overline{BC}$$

$$\overline{AE} \cong \overline{EC}, \overline{DE} \cong \overline{EB}$$

$$\overline{AC} \cong \overline{DB}$$



$$\begin{aligned}3x - 9 &= 90 \\3x &= 99 \\x &= 33\end{aligned}$$



$$\begin{aligned}2y + 36 &= 6y \\-2y &\quad -2y \\36 &= 4y \\9 &= y\end{aligned}$$