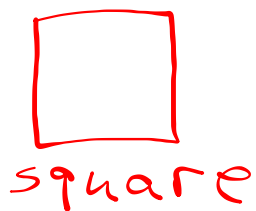
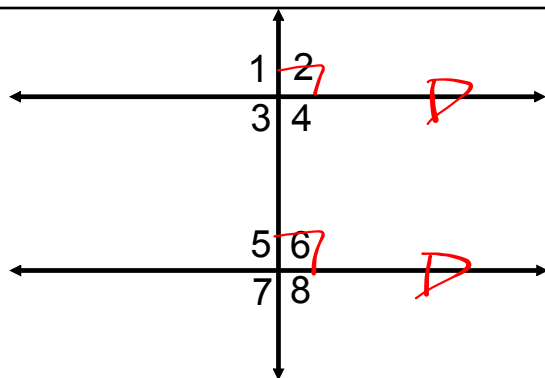


Warm-up 1/3/17

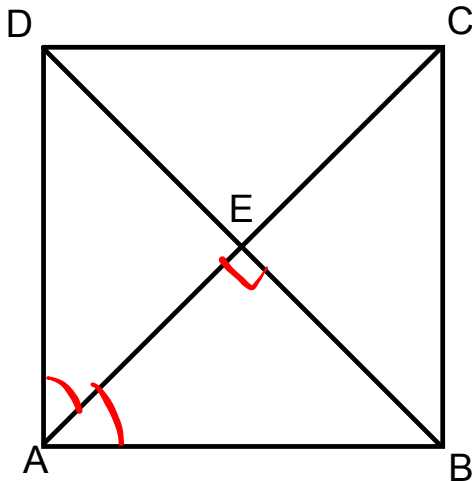
Sketch and name as many quadrilaterals as you can.



Pg. 480



Pg. 481-485



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

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

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

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

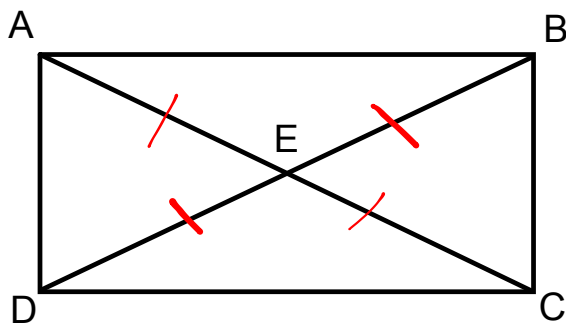
$$\overline{AC} \cong \overline{DB}$$

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

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

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

Pg. 486-493



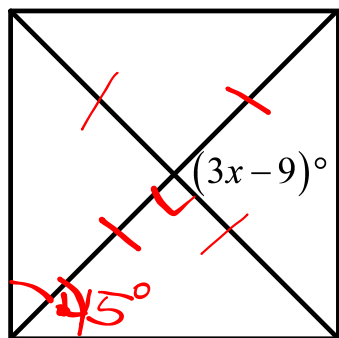
$$m\angle ABC = m\angle BCD = m\angle CDA = m\angle DAB = 90^\circ$$

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

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

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

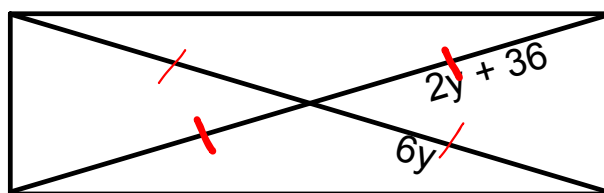
$$\overline{AC} \cong \overline{DB}$$



$$3x - 9 = 90$$

$$3x = 99$$

$$x = 33$$



$$6y = 2y + 36$$

$$-2y \quad -2y$$

$$4y = 36$$

$$y = 9$$