Section 3.3 Using Parallel Lines
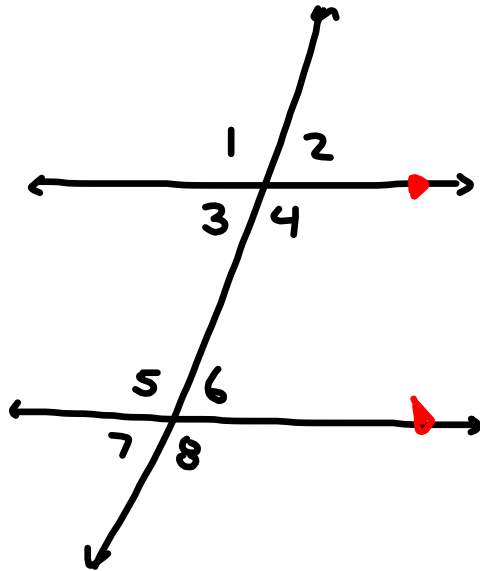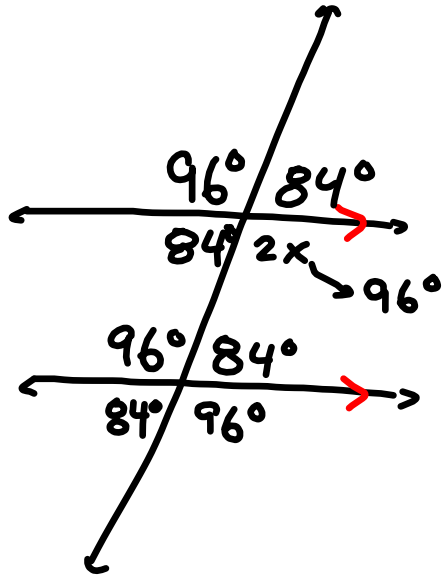
Obj: use properties of parallels to find angle measurements.

1) Corresponding angles are congruent

2) Alternate Interior and Exterior
   are congruent (the pairs)

3) Consecutive Interior and Exterior
   angles are supplementary

96° 84°
84° 2x ⟶ 96°

96° 84°
84° 96°

$$2x + 84 = 180$$
$$2x = 96$$
$$x = 48$$