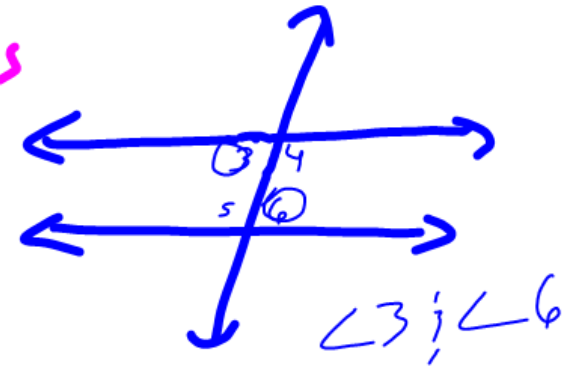


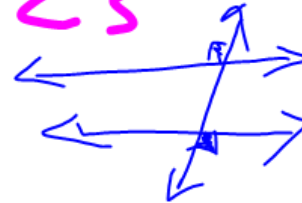
Warm-up

Draw each:

1) alternate interior \angle 's



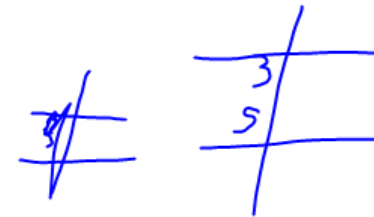
2) alt exterior \angle 's



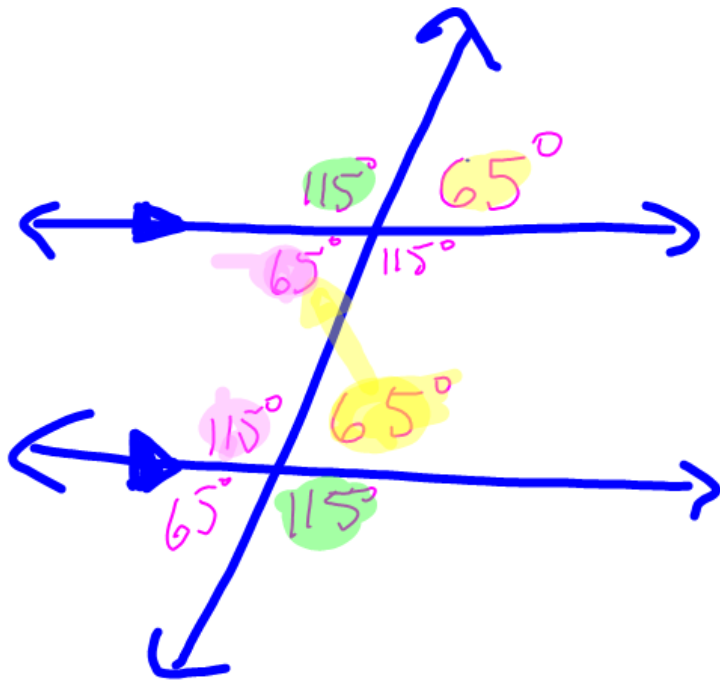
3) Corresponding \angle 's



4) Consecutive Interior \angle 's



- Use Straws to get parallel lines.
(not 90° angles)
- Measure the angles
- Notice anything?



* Alt int \angle 's : $65 = 65 \cong$
 $115 = 115 \cong$

* Alt Ext \angle 's : $115 = 115 \cong$
 $65 = 65$

* Corresp \angle 's \cong

* Consec Inter. \angle 's
 $65 + 115 = 180^\circ$

3.2 Parallel Lines

If 2 parallel lines are cut by a transversal, then

- 1) Alt. Interior \angle 's are congruent
- 2) Alt. Exterior \angle 's are congruent
- 3) Corresponding \angle 's are Congruent
- 4) Consecutive Interior \angle 's are Supplementary (add up to 180°)