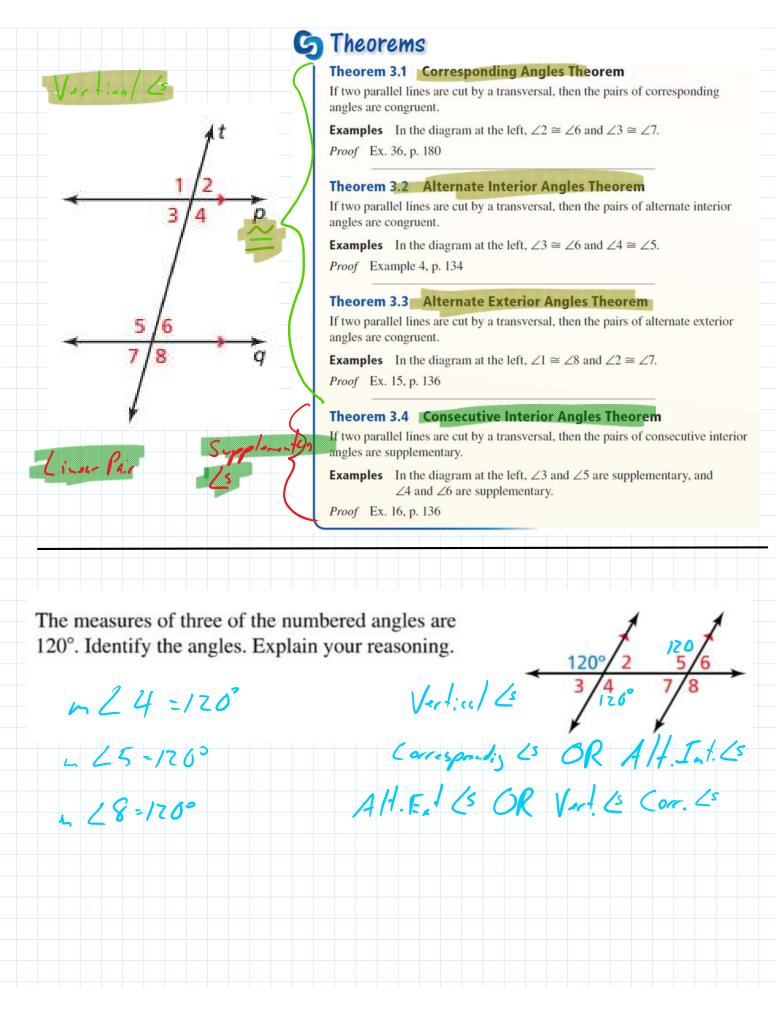
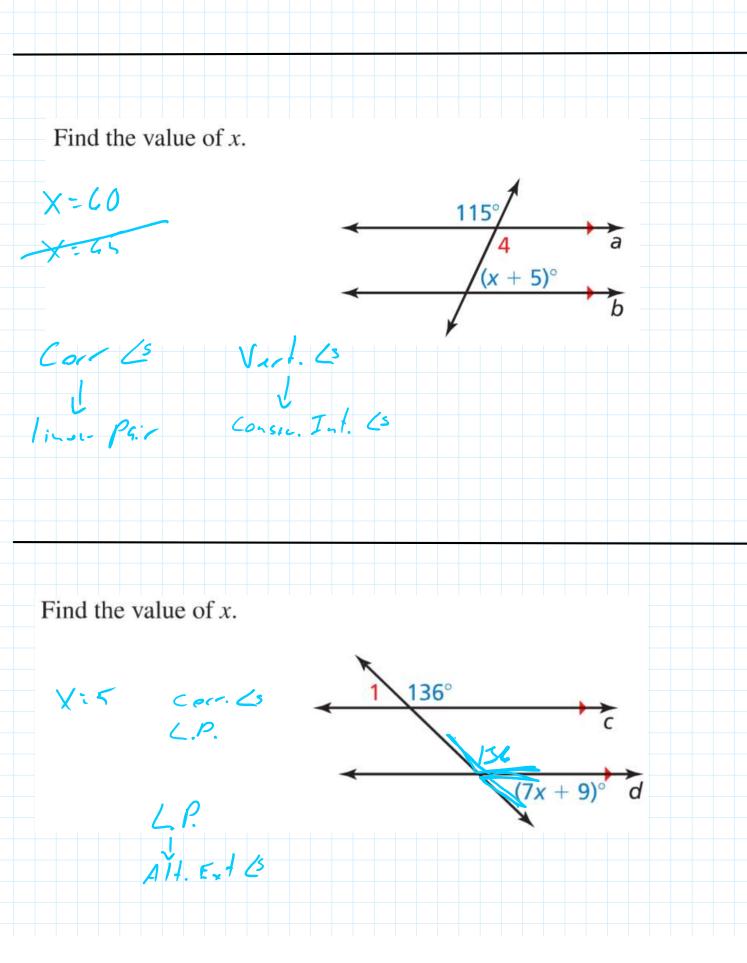
What You Will Learn

- Use properties of parallel lines.
- Prove theorems about parallel lines.

≻

Solve real-life problems.





Use the diagram.

m 2 4 = 105° m 2 3=105°

~ 68=105

1. Given $m \angle 1 = 105^{\circ}$, find $m \angle 4$, $m \angle 5$, and $m \angle 8$. Tell which theorem you use in each case.

Verl. LS

Cour. LS OR Alt. I. I. LS

Alt. Ext. LS OK Varl. LS OK

Con ls

When sunlight enters a drop of rain, different colors of light leave the drop at different angles. This process is what makes a rainbow. For violet light, $m\angle 2 = 40^\circ$. What is $m\angle 1$? How do you know?

~ [] = 40° Alt. Int. 25

Practice *sec. 3.2* Pg. 135 1, 2, 3-13 odd, 14, 15, 23, 25-28