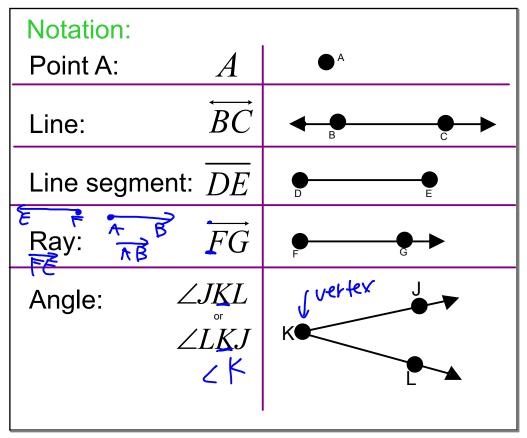
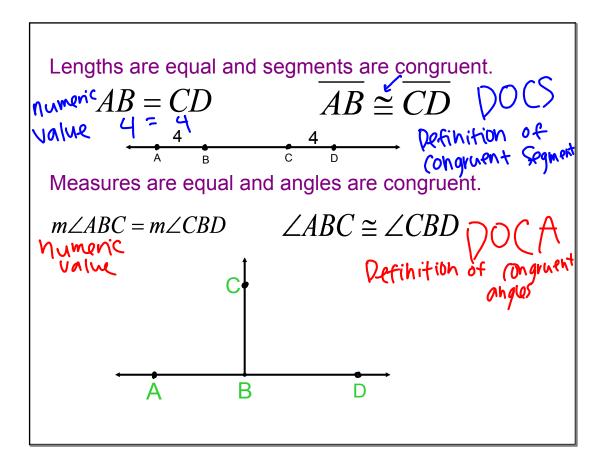
3-1

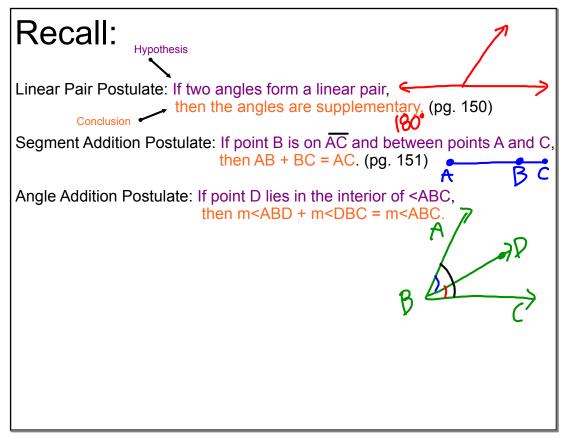
Proofs (Vertical Angles and Parallel Lines)

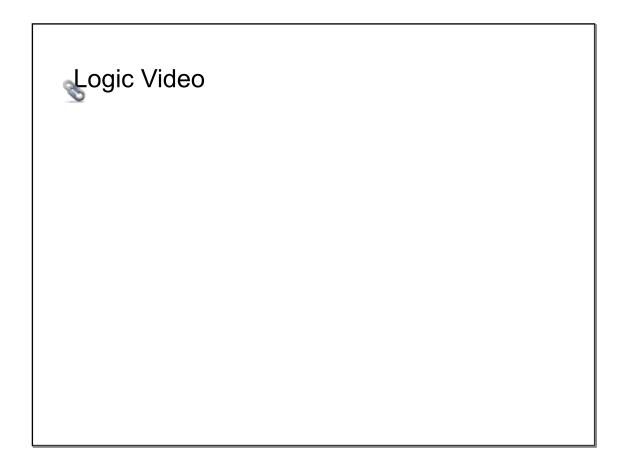
Student book pgs. 159-162, 170-182,185-193

Vocab: (write and draw a picture for each pair of angles) Supplementary angles: two angles whose measures add to 180° 180 Complementary angles: two angles whose measures 90 add to 90 17 Adjacent angles: next to - 2 angles that Share a side Linear pair: 2 angles that form a straight line Vertical angles: The angles apposite each other when 2 lines intersect Postulate: a true statement that doesn't hed to be proved Theorem: a statement that needs to be proved

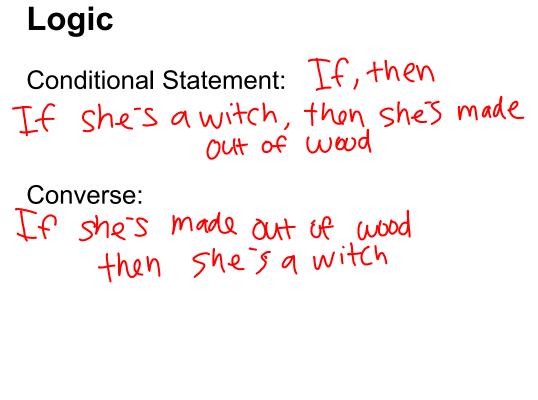








Discussion of logic from clip.



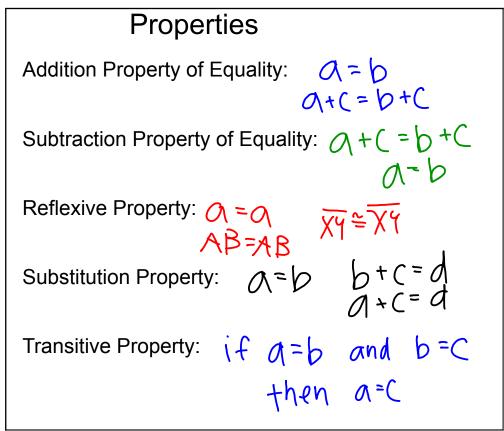
Proofs

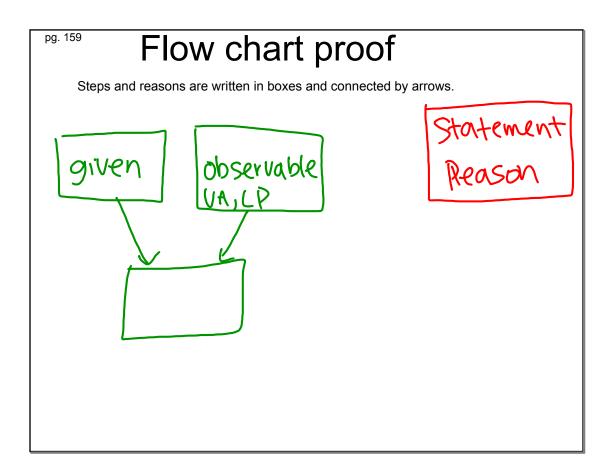
Proofs use logic and reasoning to come to a conclusion.

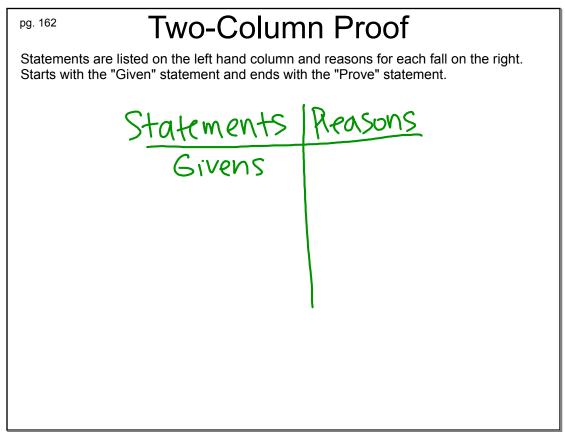
We must show a reason for every statement that is made. Reasons can be rules or properties.

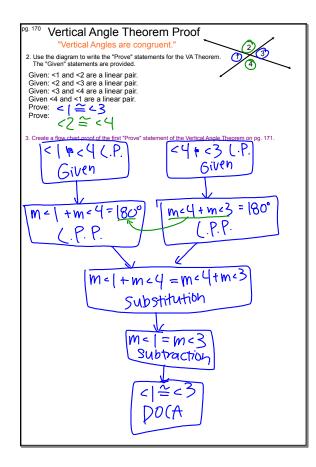
Types of Proofs:

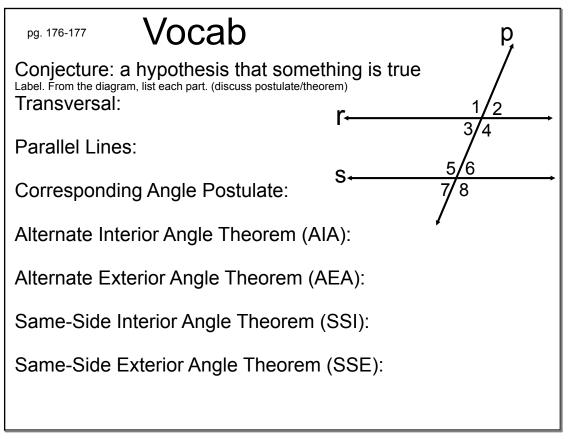
- Flow Chart Proof
- Two-column Proof
- Paragraph Proof

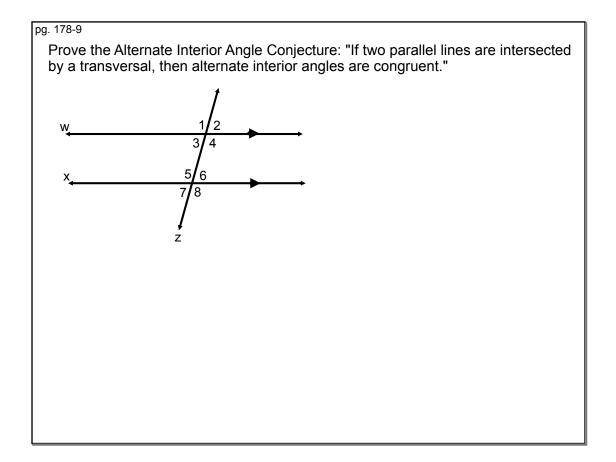


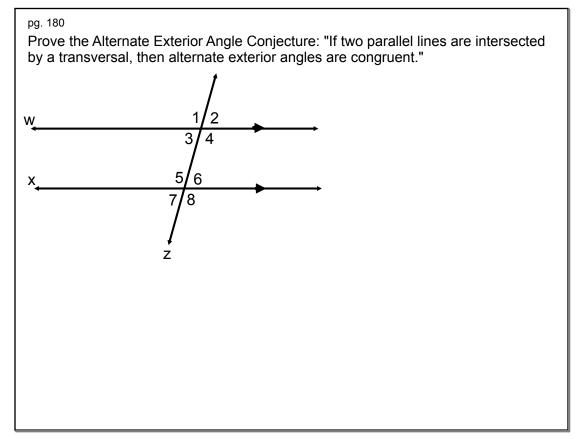


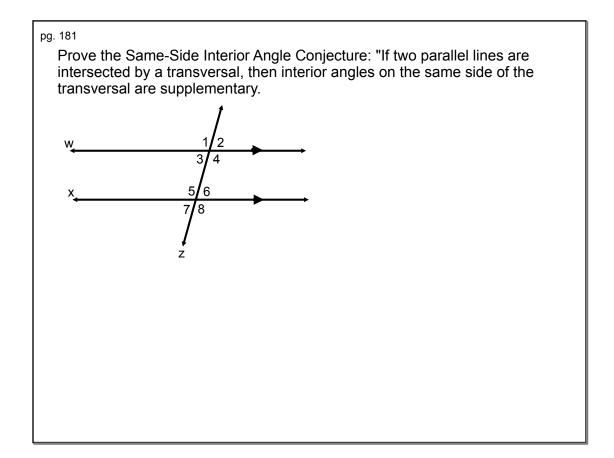


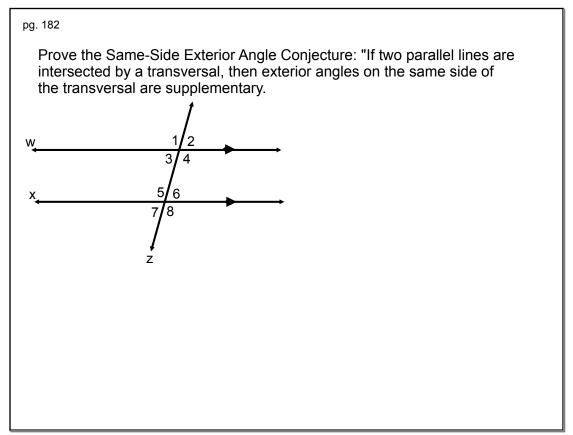












pg. 186-193 Parallel Line Converse Theorems

We could prove the converse of all of our parallel line cut by a transversal theorems by just going backwards in our proofs.

Some are in your book and on the homework.