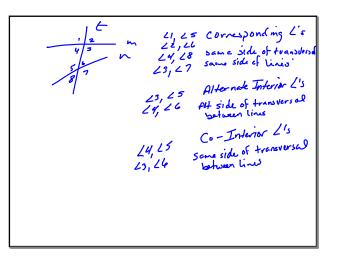
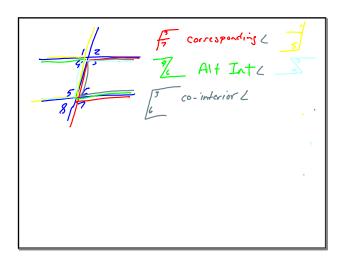
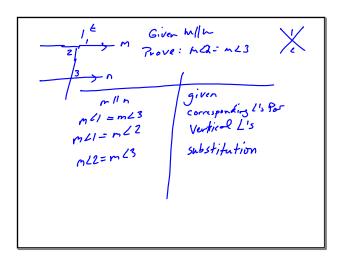
7.8 Proof, on Patallel (ines . Pavellel lines m mlln transversal A line that intersects at last 2 line at dit. points





t IF two lines are parallel and cut by a transversal Corresponding 2 Pas Convesponding (18) then the corresponding L's are congrient m21=m25 m22=m26 m24=m28, m3=m27 Alternate Int. L's Thin then the AH Int L's are congreent m24=m26 is Then Co-Teteniar L's Then Usen the Co-interior L's are supplementary m24fm25=180 m23+m26=180 31



Farallelogram two pairs of patallel sides (000) mL1+mL2= 180 ml1+ml4=180 m62=m64

A quadrilation is a parallelogram

- 1. Consecutive angles are supplementary
- 2. Opposite angles are congruent