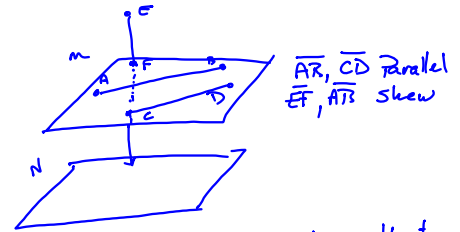


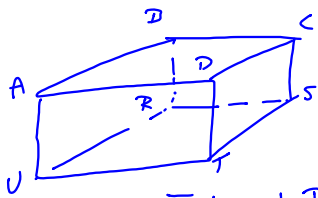
3.1 Lines and Angles

Definitions

Parallel lines - Two lines that are coplanar and do not intersect
 skew lines - Two lines that are not coplanar and do not intersect



Parallel Planes - Two Planes that do not intersect



skew to \overline{AB} through D DT
 Parallel to RS BC, UT, AD
 Plane parallel to RSTU ABCD

Parallel P P



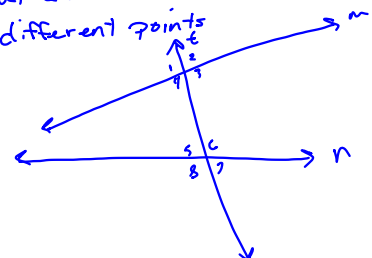
IF there is a line and a point P not on the line then there is exactly 1 line through P parallel to line l

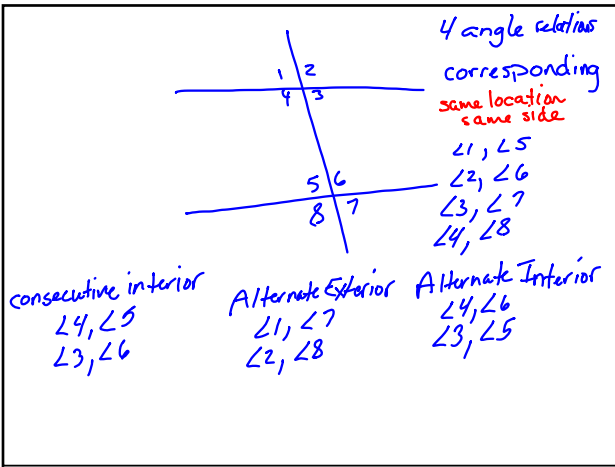
Perpendicular P



IF there exists a line l and a point P not on the line, then there exists exactly one line through P that is perp. to line l

Transversal - line that intersects at least two other lines at different points





P 132 - 133
2 - 36 even