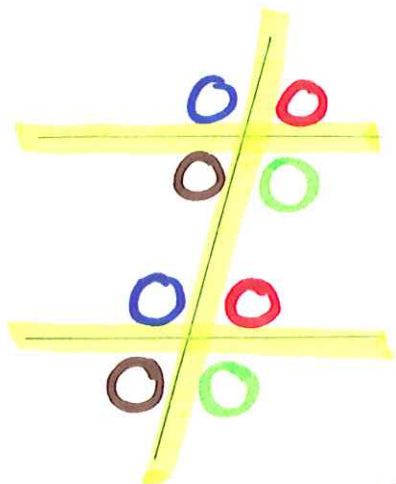
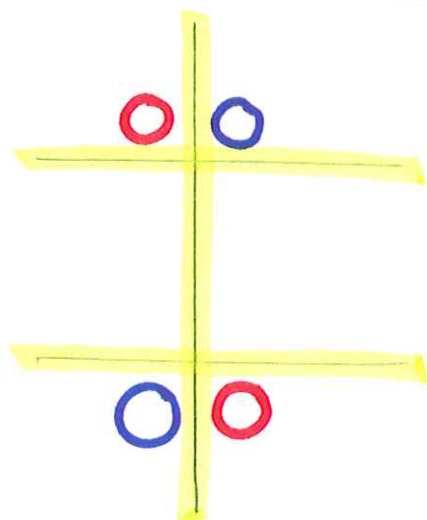
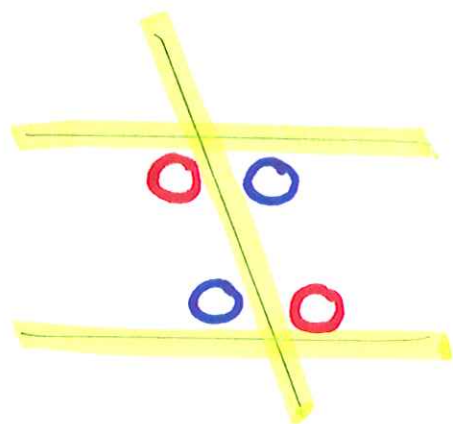


# Parallel Lines



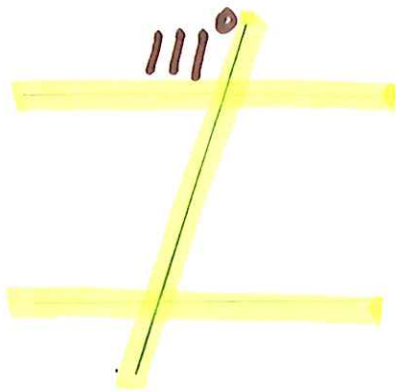
Corresponding angles are  $\cong$ .

Alternate interior angles are  $\cong$ .



Alternate exterior angles are  $\cong$ .

EX Find all angle measures.

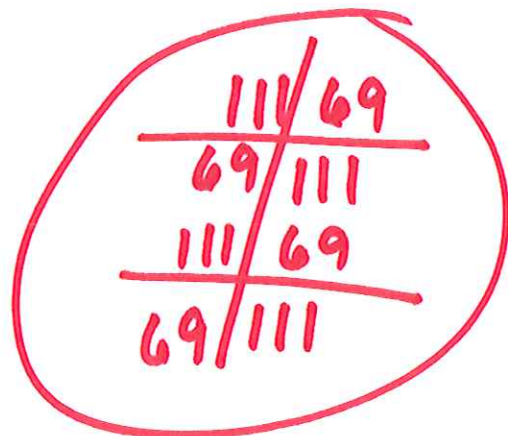


①  $\frac{111}{111}$  Vertical angles are  $\cong$ .

②  $\frac{111}{69}$  Linear pairs add up to 180.  $180 - 111$

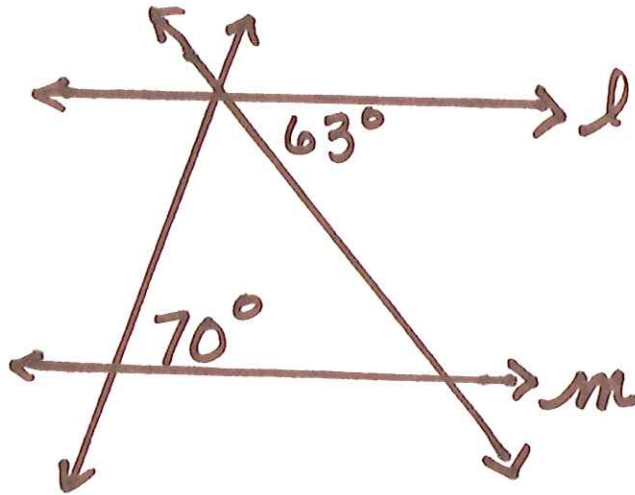
③  $\frac{111}{69}$  Vertical angles are  $\cong$ .

④ Copy # 3's results to bottom half.



EX Find all angle measures.

$l \parallel m$



Ideas Can Use

vertical  $\angle$  are  $\cong$

linear pairs add up to 180

alternate interior  $\angle$  are  $\cong$

$\angle$  of a  $\Delta$  add up to 180

