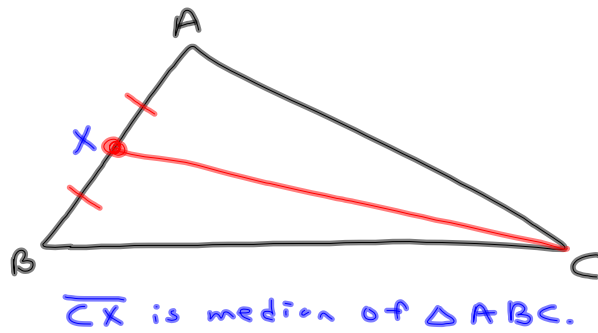
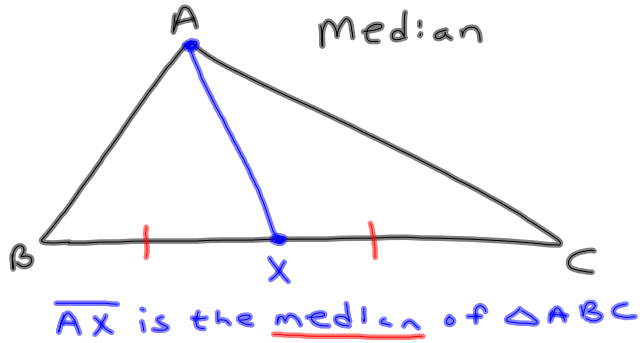
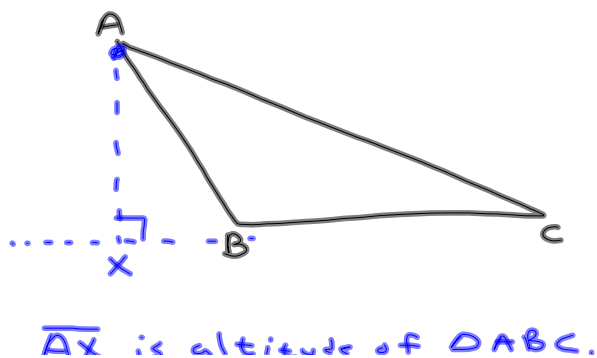
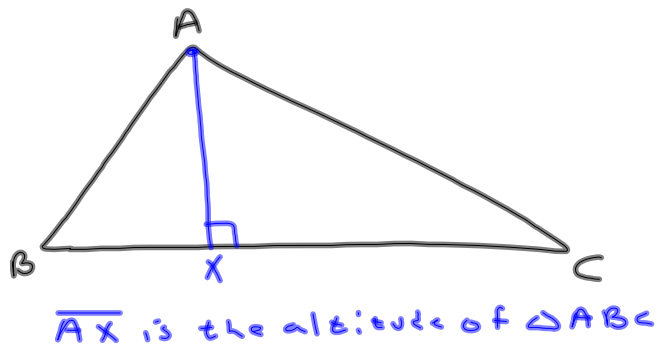


12-4-13
1st Geo

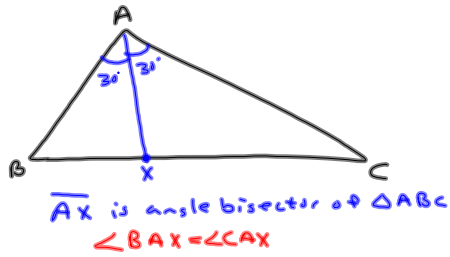
5-3



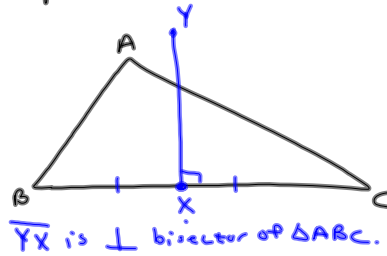
Altitude



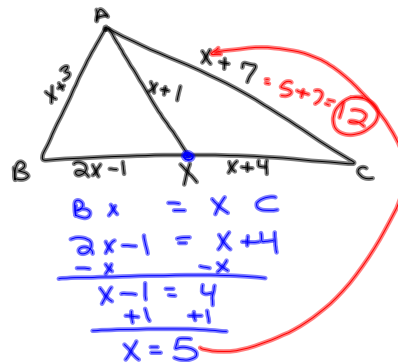
Angle Bisector



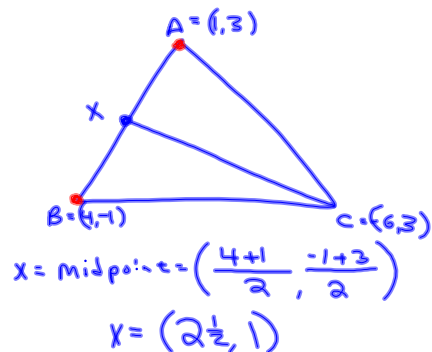
Perpendicular Bisector

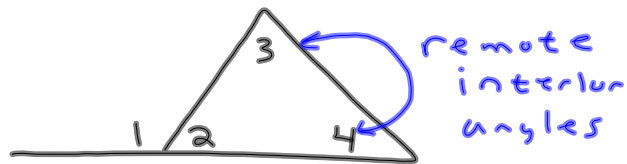
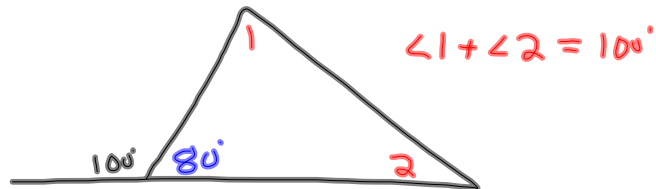
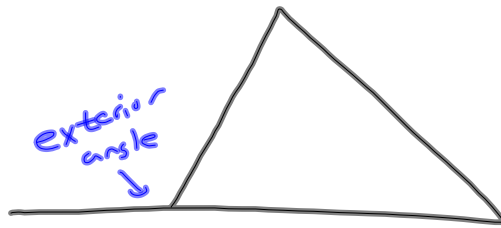


- ① In $\triangle ABC$, \overline{AX} is the median.
 Find the length of \overline{AC} .



- ② In $\triangle ABC$, $A=(1,3)$ $B=(4,-1)$
 and $C=(-6,3)$.
 What are the coordinates
 of X if \overline{CX} is median
 of $\triangle ABC$?

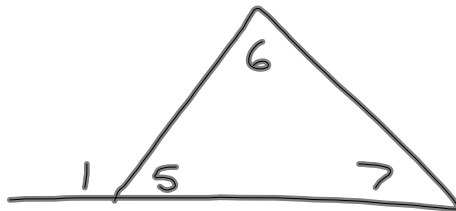




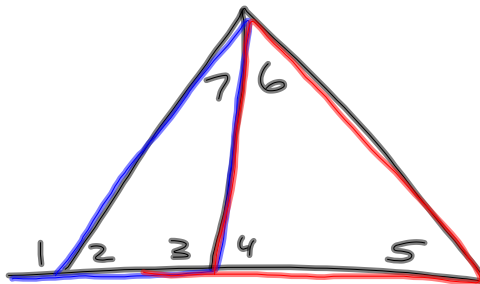
$$\angle 1 = \angle 3 + \angle 4$$

$$\angle 1 > \angle 3$$

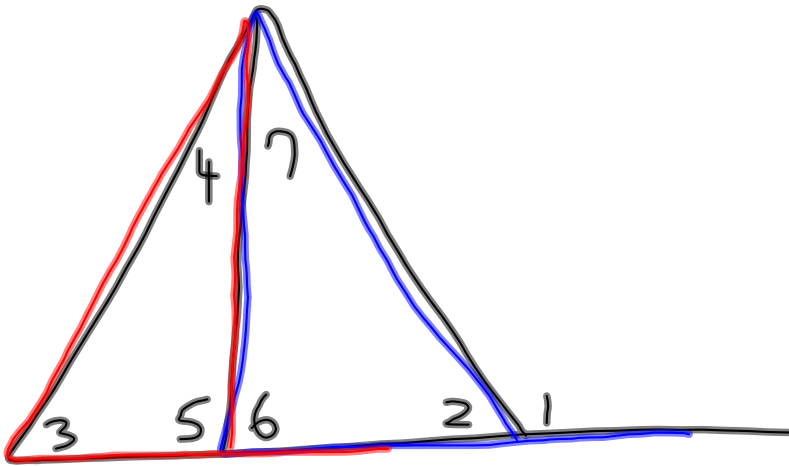
$$\angle 1 > \angle 4$$



$\angle 1$ is larger than which angles?
 $\angle 6, \angle 7$

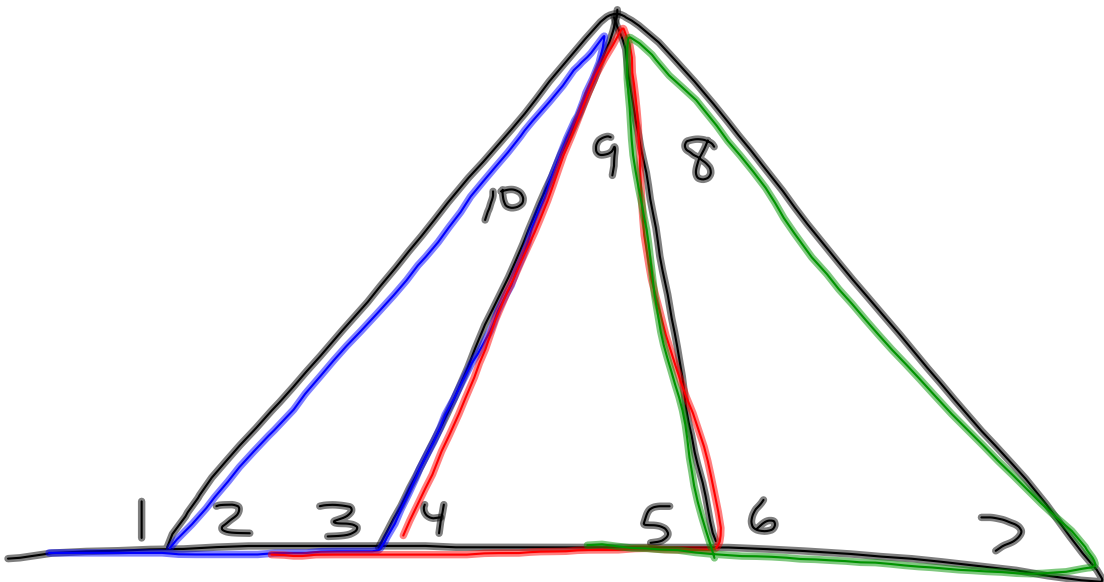


$\angle 1$ is larger than which angles?
 $\angle 3, \angle 7, \angle 5, \angle 6$



$\angle 1$ is larger than which angles?

$\angle 6, \angle 7, \angle 3, \angle 4$



Which angles are less than $\angle 1$?

$\angle 3, \angle 10, \angle 5, \angle 9, \angle 7, \angle 8$