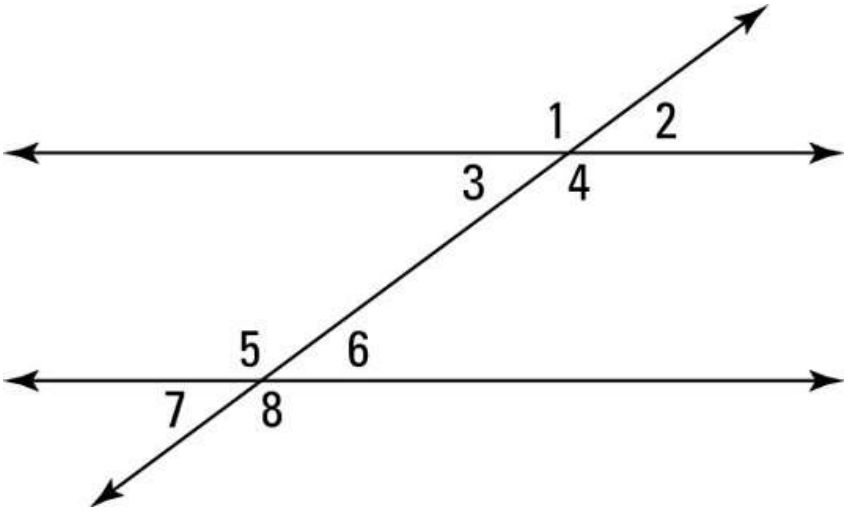
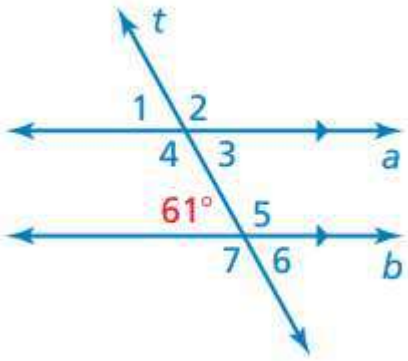
This is a classic geometry image of two parallel lines with another line that intersects them both. The fancy term for that intersecting line is a TRANSVERSAL. From this image, lots of congruent angles are formed. List as many congruent pairs of angles as you can….then we will name those angles with a more sophisticated term.



Practice problems

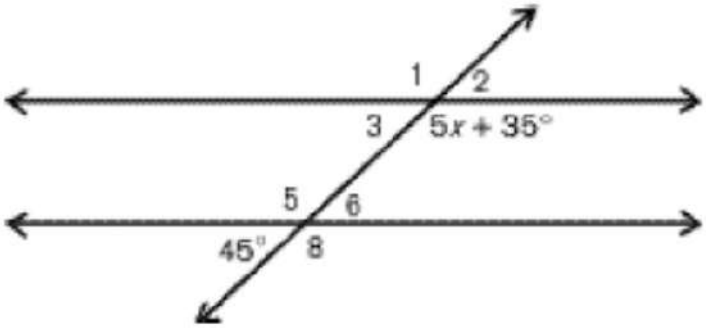
#1) Given the picture shown, determine the measure of all the other numbered angles:



<1 = <2 = <3 =

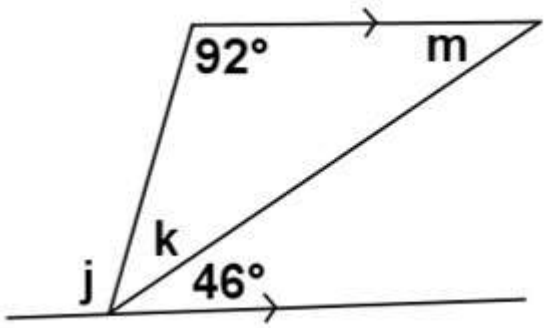
<4 = <5 = <6 = <7 =

#2) Given the picture shown, determine the measure of all the other numbered angles:



<1 = <2 = <3 =

<5 = <6 = <8 =



#3) Determine the measure of angles M, J and K

*NOTATION ALERT: those little arrows on the lines are a way to say that those lines are parallel.