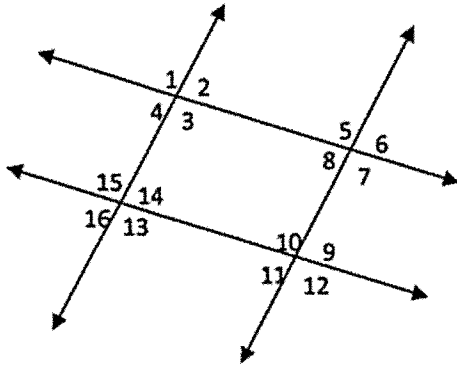
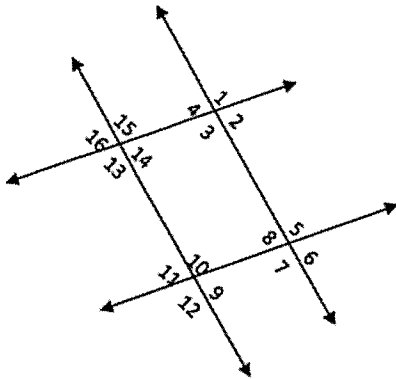


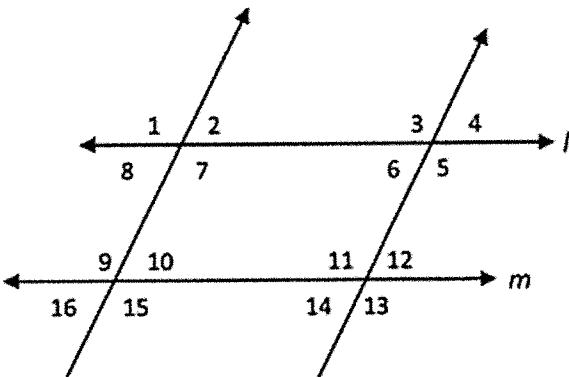
1) If $m\angle 3 = 5x + 6$ and $m\angle 9 = -x - 2$; Find the value for x ; find $m\angle 3$ and $m\angle 12$



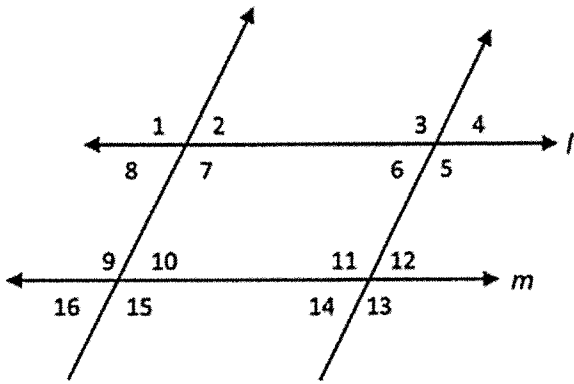
2) If $m\angle 15 = 3x + 7$ and $m\angle 6 = 2x + 8$; Find the value for x ; find $m\angle 15$ and $m\angle 8$



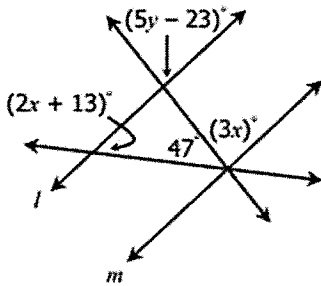
3) If $m\angle 3 = 2x + 16$ and $m\angle 15 = 7x - 4$. Find the value for x ; find $m\angle 3$ and $m\angle 13$



4) If $m \angle 4 = 8x - 80$ and $m \angle 15 = -2x + 116$. Find the value for x ; find $m \angle 4$ and $m \angle 16$



5)



$x =$ _____

$y =$ _____

6)

Given : $\angle 10 \cong \angle 9$;
 $m \angle 5 = (5x + 4)^\circ$,
 $m \angle 3 = (6x - 16)^\circ$

Prove: $x = 20$

