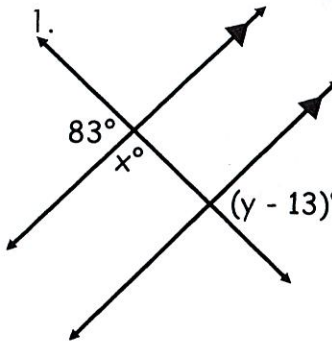
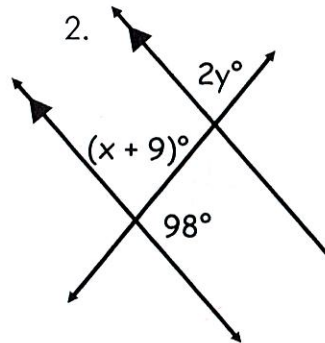


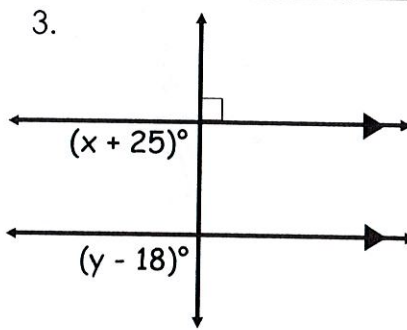
Name: \_\_\_\_\_ Date: \_\_\_\_\_

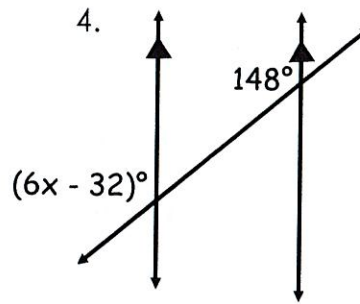
**Day 3 - Parallel Lines Practice**

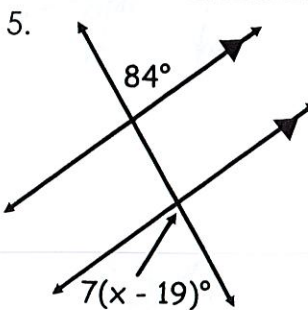
Name the relationship you would use to solve for variable(s). Then solve for each variable.

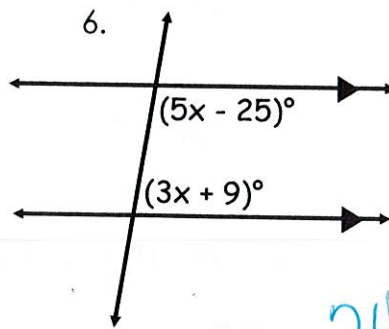
1.   $x = 97$   
 $y = 96$

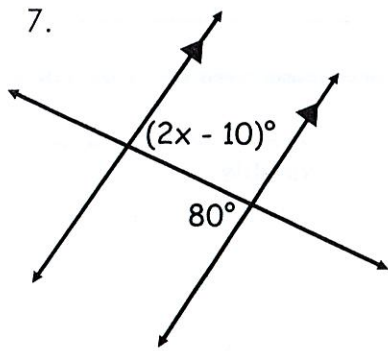
2.   $x = 73$   
 $y = 41$

3.   $x = 65$   
 $y = 108$

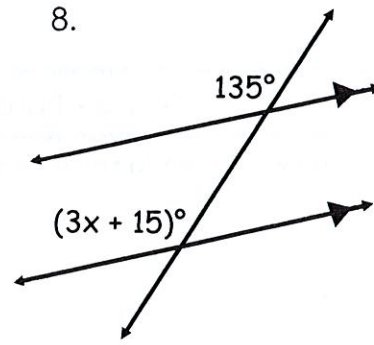
4.   $x = 30$

5.   $x = 31$

6.   $x = 24.5$



$x = 45^\circ$



$x = 40^\circ$

In the figure,  $m\angle 2 = 70$ . Find the measure of each angle.

1.  $\angle 3$   $70^\circ$

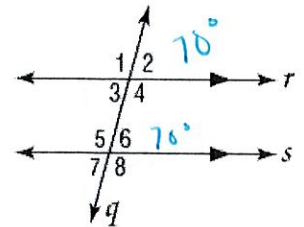
2.  $\angle 5$   $110^\circ$

3.  $\angle 8$   $110^\circ$

4.  $\angle 1$   $110^\circ$

5.  $\angle 4$   $110^\circ$

6.  $\angle 6$   $70^\circ$



In the figure,  $m\angle 9 = 80$  and  $m\angle 5 = 68$ . Find the measure of each angle.

7.  $\angle 12$   $100^\circ$

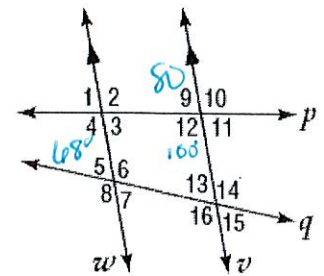
8.  $\angle 1$   $80^\circ$

9.  $\angle 4$   $100^\circ$

10.  $\angle 3$   $80^\circ$

11.  $\angle 7$   $68^\circ$

12.  $\angle 16$   $112^\circ$



In the figure,  $m\angle 3 = 75$  and  $m\angle 10 = 115$ . Find the measure of each angle.

13.  $\angle 2$   $105^\circ$

14.  $\angle 5$   $105^\circ$

15.  $\angle 7$   $105^\circ$

16.  $\angle 15$   $115^\circ$

17.  $\angle 14$   $65^\circ$

18.  $\angle 9$   $65^\circ$

