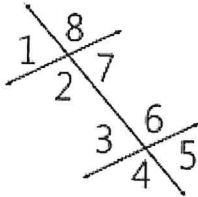


Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

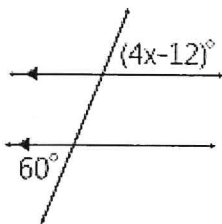
### 7th Grade Pre-Algebra 12.4 Review

1. Use the picture below to answer the following questions.

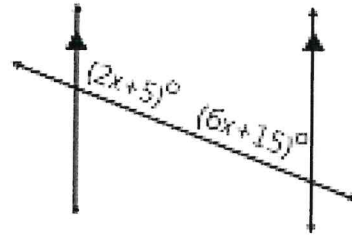


- a)  $\angle 1$  and  $\angle 3$  are \_\_\_\_\_ angles.
- b)  $\angle 8$  and  $\angle 2$  are \_\_\_\_\_ angles.
- c)  $\angle 3$  and  $\angle 7$  are \_\_\_\_\_ angles.
- d)  $\angle 2$  and  $\angle 3$  are \_\_\_\_\_ angles.
- e)  $\angle 1$  and  $\angle 5$  are \_\_\_\_\_ angles.

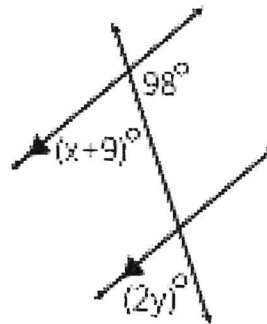
2. Find the value of  $x$ .



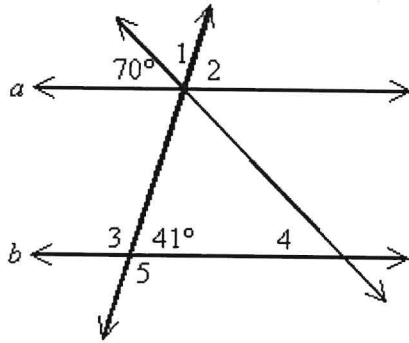
3. Find the value of  $x$ .



4. Solve for  $x$  and  $y$ .

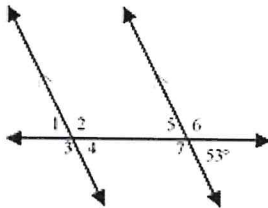


5. Lines  $a$  and  $b$  in the figure below are parallel.



What is the measure of  $\angle 1$ , in degrees?

6. Use the figure to find the measure of  $\angle 6$ .



7. Use the figure to find the measure of  $\angle 1$ .

