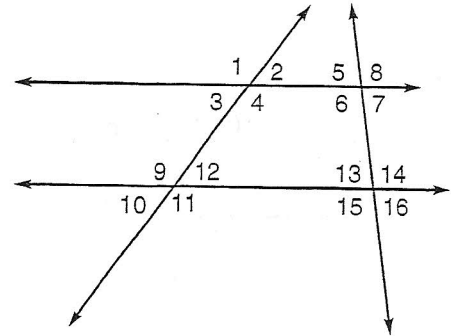


### Parallel Lines and Transversals

Identify each pair of angles as alternate interior, alternate exterior, consecutive interior, or vertical.

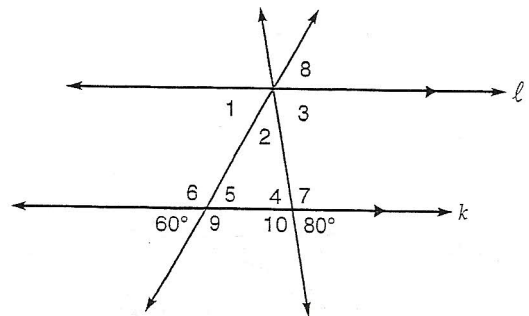
1.  $\angle 9$  and  $\angle 11$
2.  $\angle 3$  and  $\angle 9$
3.  $\angle 3$  and  $\angle 12$
4.  $\angle 8$  and  $\angle 6$
5.  $\angle 8$  and  $\angle 15$
6.  $\angle 4$  and  $\angle 5$
7.  $\angle 1$  and  $\angle 7$



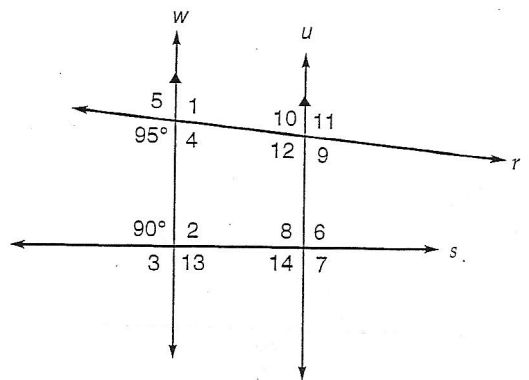
Exercises 1-7

Find the measure of each angle.  
 Give a reason for each answer.

8.  $\angle 5$
9.  $\angle 4$
10.  $\angle 6$
11.  $\angle 1$
12.  $\angle 8$
13.  $\angle 10$
14.  $\angle 1$
15.  $\angle 2$
16.  $\angle 10$
17.  $\angle 11$
18.  $\angle 8$
19.  $\angle 6$
20.  $\angle 5$



Exercises 8-13



Exercises 14-21