



**DIVINE CHILD ACADEMY**  
**P. Panganiban St., Batangas City**  
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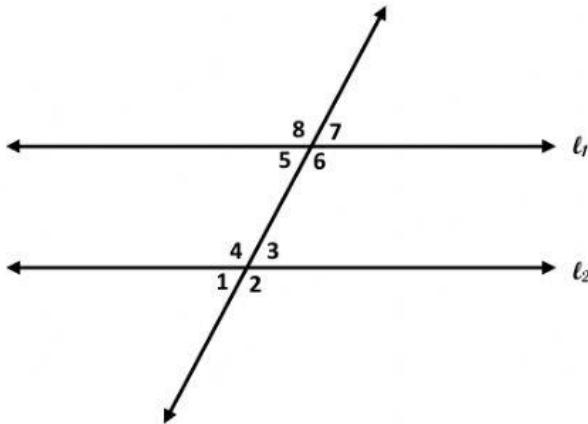
**Mathematics 7**

**Topic: Parallel Lines cut by a Transversal Line**

**Test I. Direction:** Tell whether each of the following pairs of angles is congruent (**C**) or supplementary (**S**). Write the letter only. (10pts.)

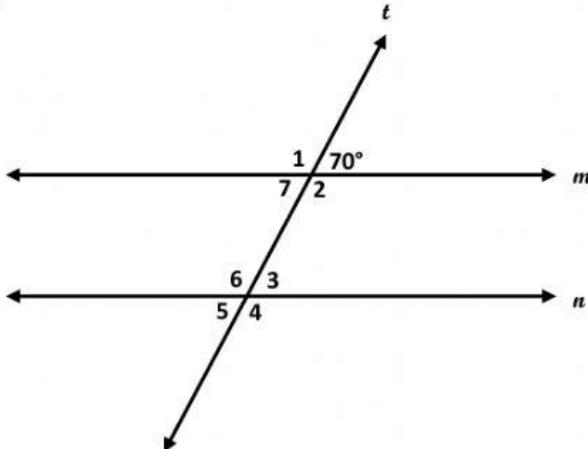
*Given:  $l_1 \parallel l_2$*

1.  $\angle 3$  and  $\angle 5$
2.  $\angle 2$  and  $\angle 6$
3.  $\angle 4$  and  $\angle 5$
4.  $\angle 1$  and  $\angle 7$
5.  $\angle 2$  and  $\angle 7$
6.  $\angle 4$  and  $\angle 6$
7.  $\angle 1$  and  $\angle 5$
8.  $\angle 3$  and  $\angle 6$
9.  $\angle 2$  and  $\angle 8$
10.  $\angle 1$  and  $\angle 8$



**Test II. Direction:** Find the following measures. (10pts.)

*Given:  $m \parallel n$*



11.  $m\angle 1$
12.  $m\angle 2$
13.  $m\angle 3$
14.  $m\angle 4$
15.  $m\angle 5$
16.  $m\angle 6$
17.  $m\angle 7$
18.  $m\angle 7 + m\angle 2 =$
19.  $m\angle 2 + m\angle 3 =$
20.  $m\angle 1 + m\angle 5 =$