



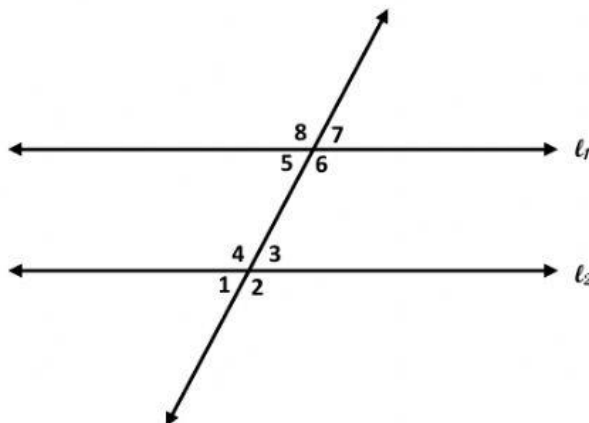
Mathematics 7

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.)

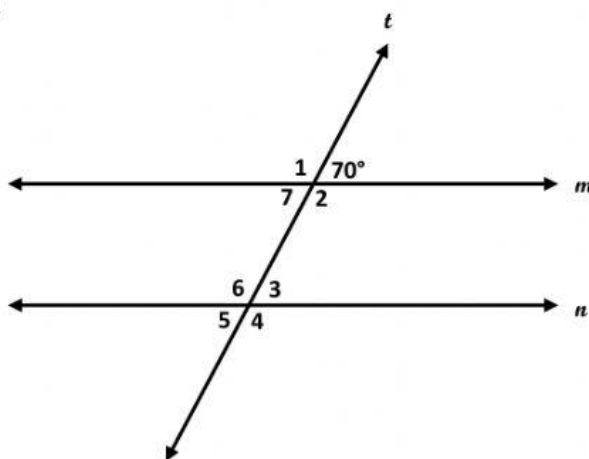
Given: $l_1 \parallel l_2$

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