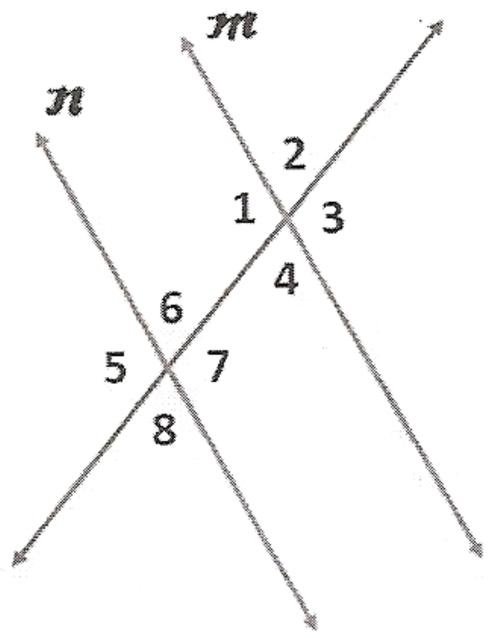
Name:_____Class_____

Properties of Parallel Lines Party

Find the missing angles using properties of parallel lines.

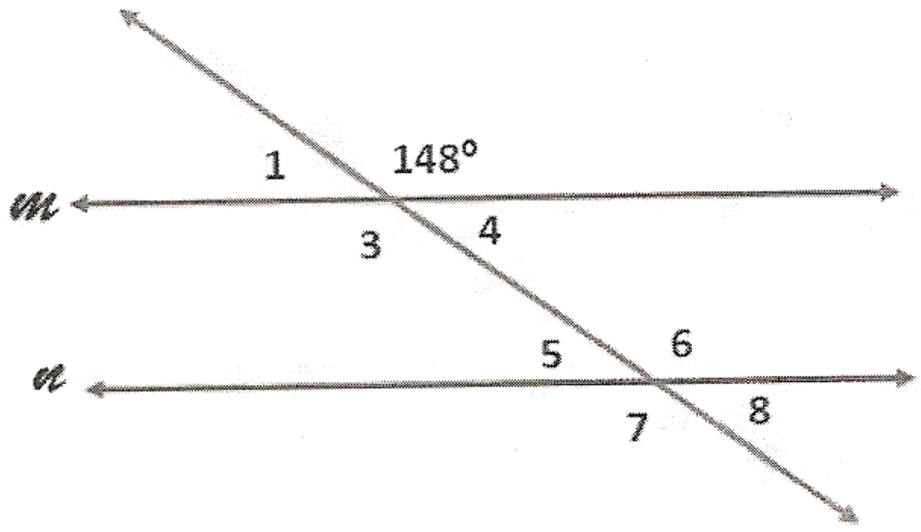
In the figure, line *m* is parallel to line *n*. If the measure of angle 3 is 95°, find the measure of each angle.



(Not to scale)

1. $\angle 1 =$ _____
2. $\angle 2 =$ _____
3. $\angle 4 =$ _____
4. $\angle 5 =$ _____
5. $\angle 6 =$ _____
6. $\angle 7 =$ _____
7. $\angle 8 =$ _____

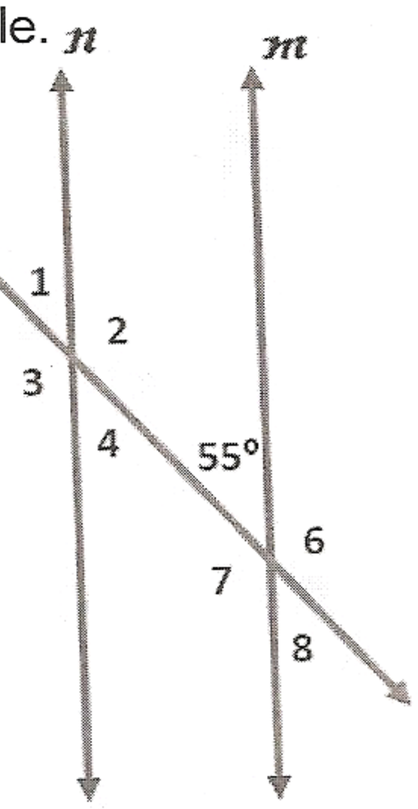
In the figure, line *m* is parallel to line *n*. Find the measure of each angle.



(Not to scale)

8. $\angle 1 =$ _____
9. $\angle 3 =$ _____
10. $\angle 4 =$ _____
11. $\angle 5 =$ _____
12. $\angle 6 =$ _____
13. $\angle 7 =$ _____
14. $\angle 8 =$ _____

In the figure, line m is parallel to line n. Find the measure of each angle.



(Not to scale)

15. $\angle 1 =$ _____
16. $\angle 2 =$ _____
17. $\angle 3 =$ _____
18. $\angle 4 =$ _____
19. $\angle 6 =$ _____
20. $\angle 7 =$ _____
21. $\angle 8 =$ _____