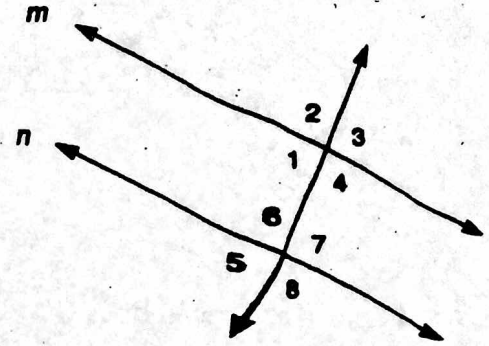


Parallel Lines

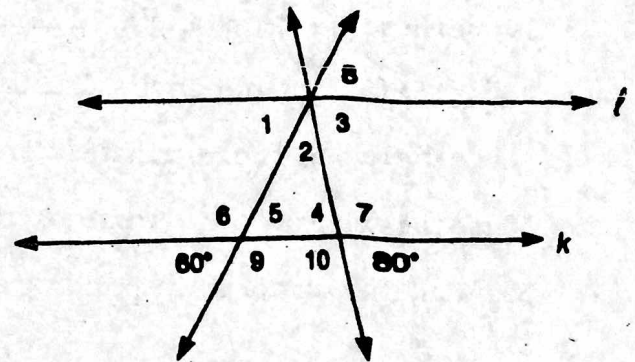
In the figure at the right, m is parallel to n . If the measure of $\angle 3$ is 95° , find the measure of each angle below.

- | | |
|---------------|---------------|
| 1. $\angle 1$ | 2. $\angle 4$ |
| 3. $\angle 5$ | 4. $\angle 6$ |
| 5. $\angle 7$ | 6. $\angle 8$ |
| 7. $\angle 2$ | |



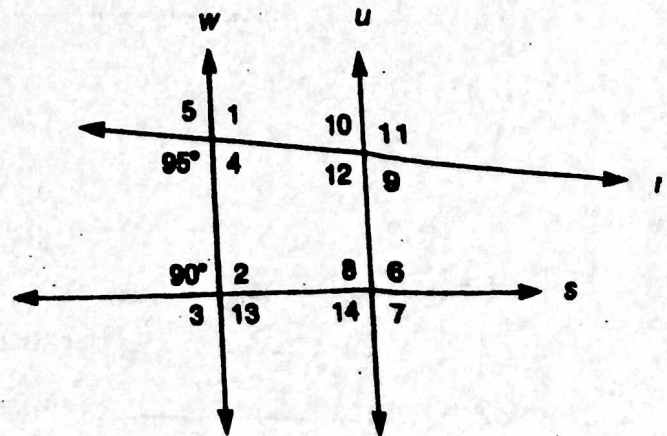
In the figure at the right, l is parallel to k . Find the measure of each angle below.

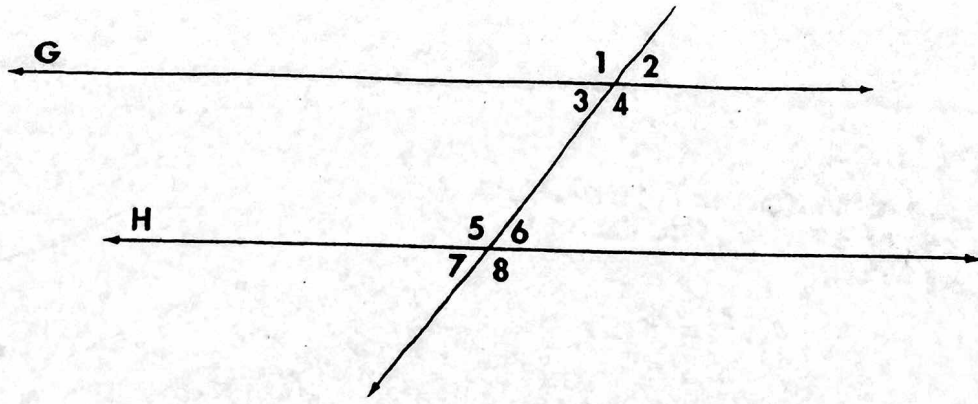
- | | |
|----------------|-----------------|
| 8. $\angle 5$ | 9. $\angle 4$ |
| 10. $\angle 9$ | 11. $\angle 8$ |
| 12. $\angle 6$ | 13. $\angle 1$ |
| 14. $\angle 7$ | 15. $\angle 3$ |
| 16. $\angle 2$ | 17. $\angle 10$ |



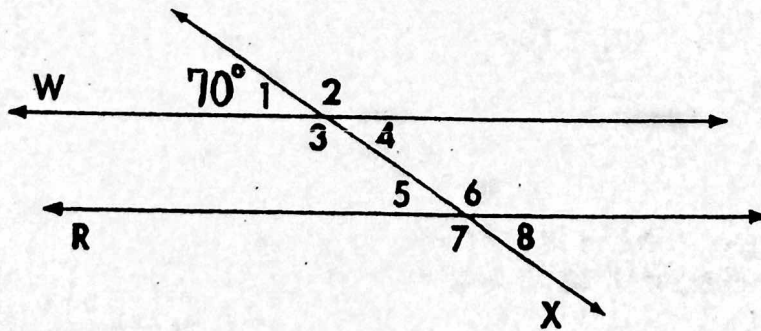
In the figure at the right, w is parallel to u . Find the measure of each angle below.

- | | |
|-----------------|-----------------|
| 18. $\angle 1$ | 19. $\angle 2$ |
| 20. $\angle 3$ | 21. $\angle 12$ |
| 22. $\angle 10$ | 23. $\angle 11$ |
| 24. $\angle 13$ | 25. $\angle 7$ |
| 26. $\angle 6$ | 27. $\angle 8$ |
| 28. $\angle 9$ | 29. $\angle 14$ |
| 30. $\angle 5$ | 31. $\angle 4$ |





13. Name the parallel lines. _____
14. Name the transversal. _____
15. Name the four pairs of vertical angles. _____
16. Name the four exterior angles. _____
17. Name the four interior angles. _____
18. Name the two pairs of alternate interior angles. _____
19. Name the two pairs of alternate exterior angles. _____
20. Name all the pairs of corresponding angles. _____



If $m\angle 1 = 70^\circ$, then

21. $m\angle 2 =$ _____ because _____
22. $m\angle 3 =$ _____ because _____
23. $m\angle 4 =$ _____ because _____
24. $m\angle 5 =$ _____ because _____
25. $m\angle 6 =$ _____ because _____
26. $m\angle 7 =$ _____ because _____
27. $m\angle 8 =$ _____ because _____