

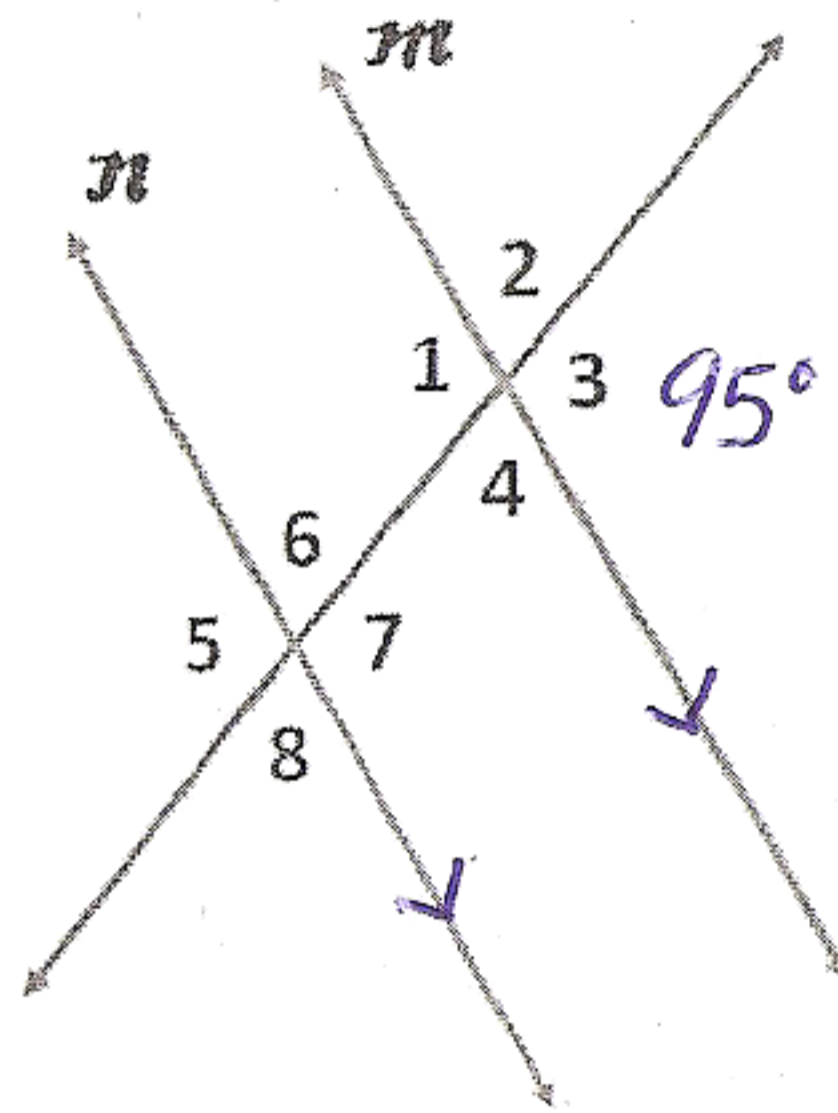
Properties of Parallel Lines Party



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.

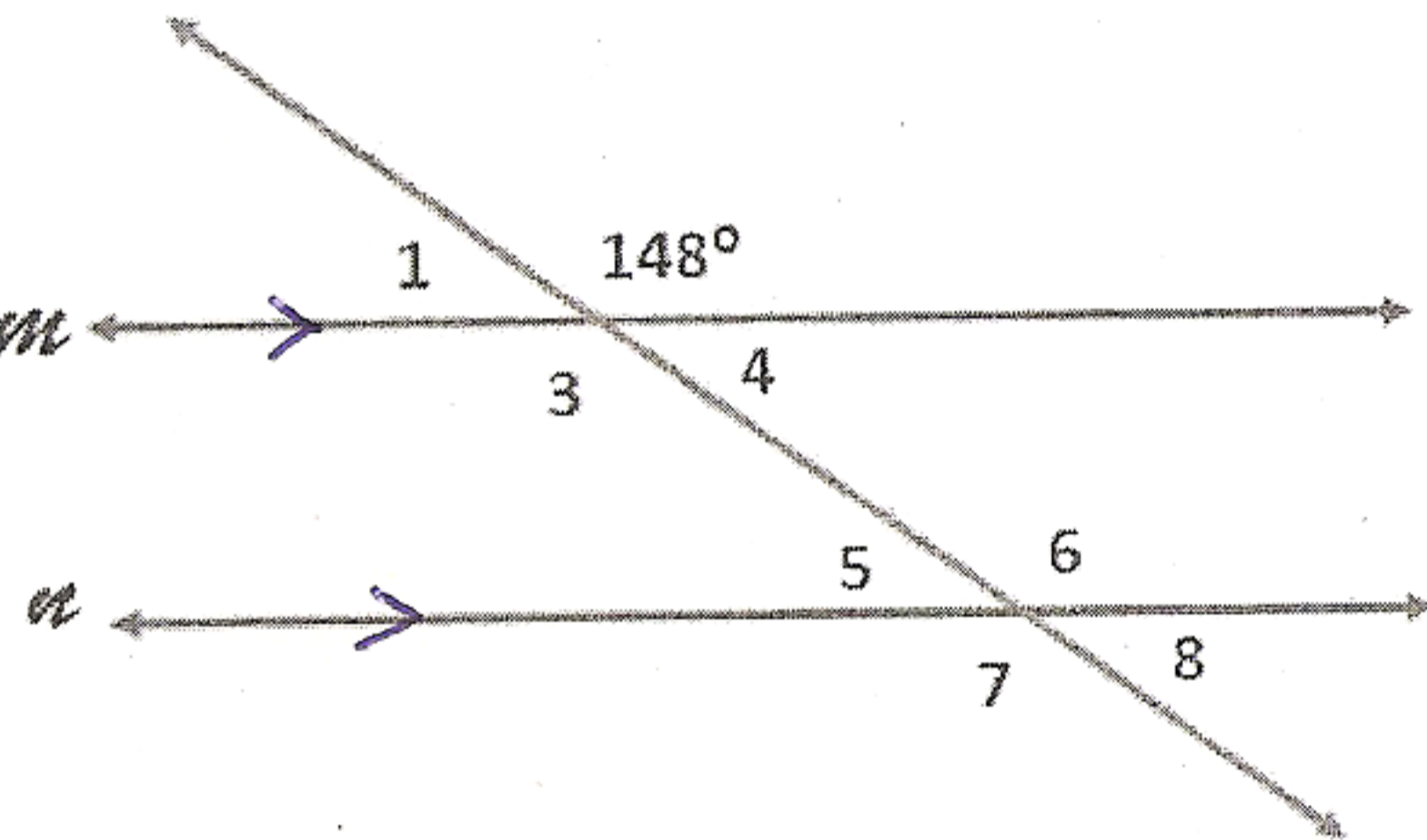
- 1. $\angle 1 = 95^\circ$ *OAT*
- 2. $\angle 2 = 85^\circ$ *SAT*
- 3. $\angle 4 = 85^\circ$ *OAT*
- 4. $\angle 5 = 95^\circ$ *CA*
- 5. $\angle 6 = 85^\circ$ *CA*
- 6. $\angle 7 = 95^\circ$ *CA*
- 7. $\angle 8 = 85^\circ$ *CA*



(Not to scale)

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

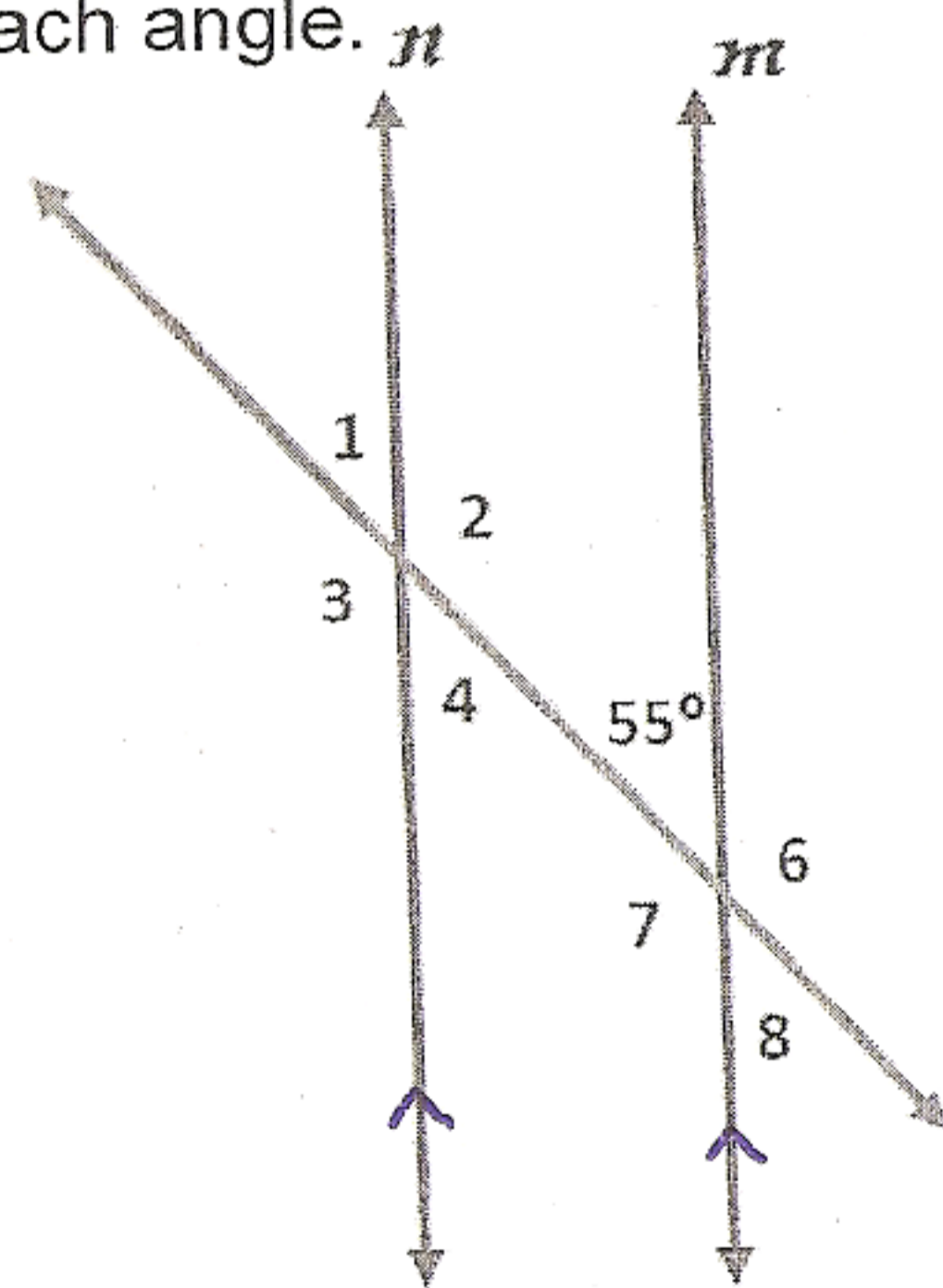
- 8. $\angle 1 = 32^\circ$ *SAT*
- 9. $\angle 3 = 148^\circ$ *OAT*
- 10. $\angle 4 = 32^\circ$ *OAT*
- 11. $\angle 5 = 32^\circ$ *CA*
- 12. $\angle 6 = 148^\circ$ *CA*
- 13. $\angle 7 = 148^\circ$ *OAT*
- 14. $\angle 8 = 32^\circ$ *OAT*



(Not to scale)

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

- 15. $\angle 1 = 55^\circ$ *CA*
- 16. $\angle 2 = 125^\circ$ *SAT*
- 17. $\angle 3 = 125^\circ$ *OAT*
- 18. $\angle 4 = 55^\circ$ *OAT*
- 19. $\angle 6 = 125^\circ$ *CA*
- 20. $\angle 7 = 125^\circ$ *SAT*
- 21. $\angle 8 = 55^\circ$ *OAT*



(Not to scale)