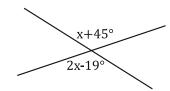


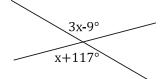
For each, state the angle relationship and solve for [8. Х.

7.

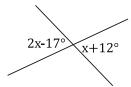


X+45°=2X+19° Vertical Angle Theorem 45°=x+19° -19° -19° 26°=x

9.



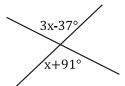
10.



x+13°

2x-23°

11.



12.



Bubble all the correct answers from above. Don't bubble incorrect answers.

- O65°
- 38.6° 63.3° 26°
- O63°
- 56°

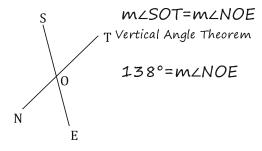
95

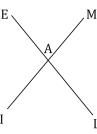
- O64°
- O36°
- **○**27°

You're doing great. Now try these! Write the given | 14. m∠EAM=63° Find m∠IAL. information on the diagram, state the angle

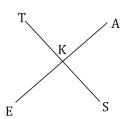
relationship, and solve for the indicated angle.

13. m∠SOT=138° Find m∠NOE.

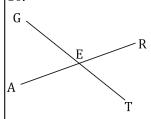




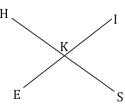
15. m∠TKE=87° Find m∠AKS.



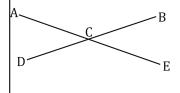
16. m∠GER=147° Find m∠AET.



17. m∠IKS=51° Find m∠HKE.



18. m∠DCE=153° Find m∠ACB.



96

Bubble all the correct answers from above. Don't bubble incorrect answers.

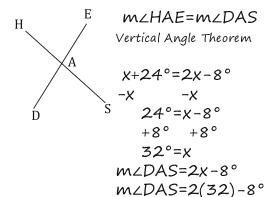
- O138° O51°

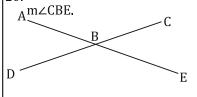
 - O117° O93°
- O33°
- ○129° ○153° ○147° ○63°

O 87°

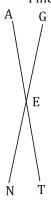
19. $m \angle HAE = X + 24^{\circ}$, $m \angle DAS = 2X - 8^{\circ}$ Find $m \angle DAS$. |20. $m \angle ABD = 2X - 37^{\circ}$, $m \angle CBE = X + 65^{\circ}$ Find

mZDAS=64-8° m∠DAS=56°

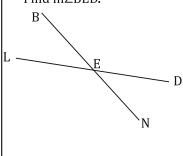




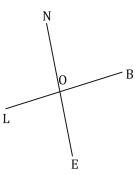
21. m∠GET=3X-51°, m∠AEN=2X-17° Find m∠GET.



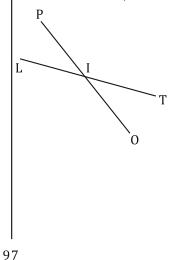
22. m∠LEN=X+89°, m∠BED=2X+89° Find m∠BED.



23. m∠BOE=5X+36°, m∠NOL=3X+42° Find m∠NOL.



24. $m \angle PIT = 4x - 51^{\circ}$, $m \angle LIO = 3x^{\circ}$ Find $m \angle LIO$.



Bubble all the correct answers from above. Don't bubble incorrect answers.

- ○28°
- 51°
- O167° O51°
- **○**68°
- ○89°
- O_{0}
- ○56°
- O_{0o}
- 153°