

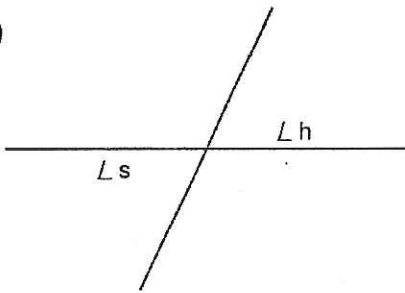
# ∠ Relationships

Name: \_\_\_\_\_

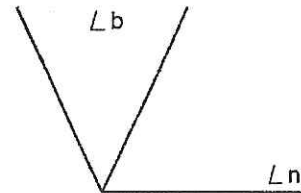
7<sup>th</sup> Grade Math

Name each angle relationship. They could be complementary, supplementary, vertical, and/or adjacent. **YOU MUST LIST ALL THAT APPLY!**

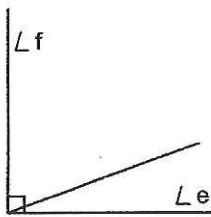
1)



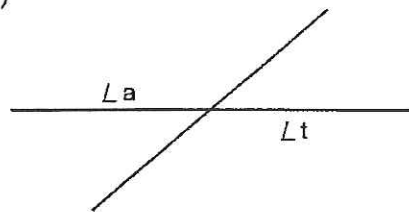
2)



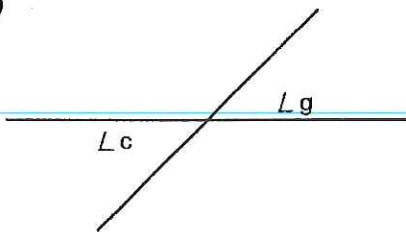
3)



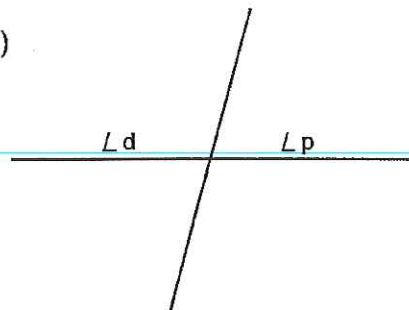
4)



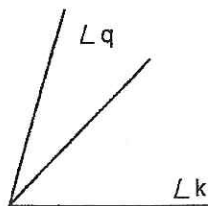
5)



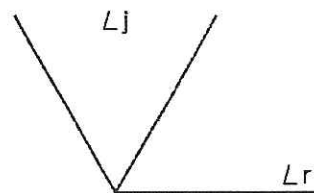
6)



7)

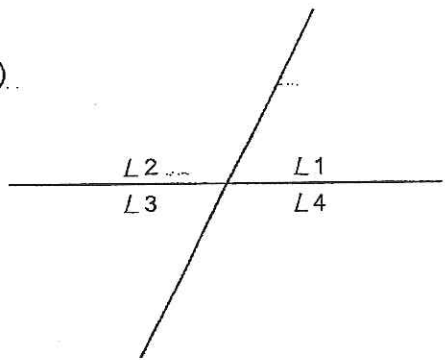


8)



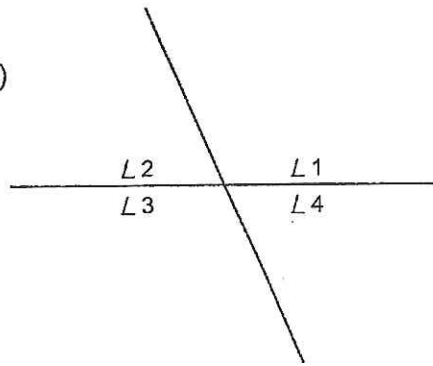
Use your knowledge of supplementary and vertical angles to find all of the missing angles below.

1)



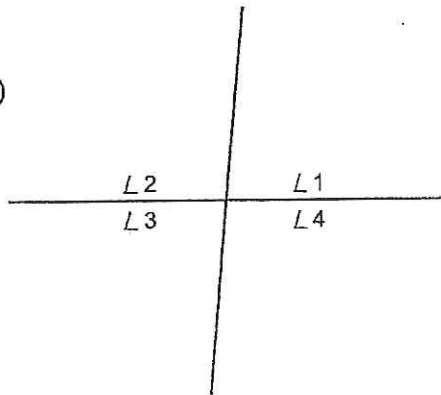
$L1 = \underline{\hspace{2cm}}$   
 $L2 = \underline{\hspace{2cm}}$   
 $L3 = \underline{\hspace{2cm}}$   
 $L4 = \underline{117^\circ}$

2)



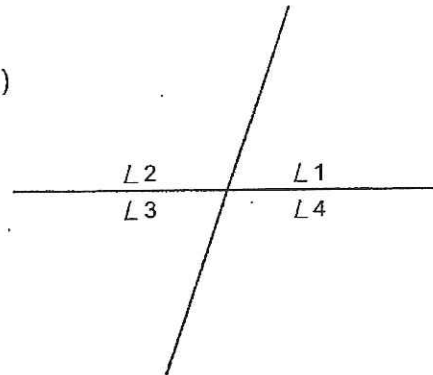
$L1 = \underline{\hspace{2cm}}$   
 $L2 = \underline{66^\circ}$   
 $L3 = \underline{\hspace{2cm}}$   
 $L4 = \underline{\hspace{2cm}}$

3)



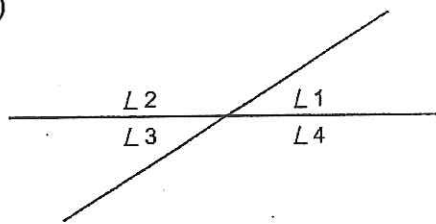
$L1 = \underline{\hspace{2cm}}$   
 $L2 = \underline{\hspace{2cm}}$   
 $L3 = \underline{\hspace{2cm}}$   
 $L4 = \underline{95^\circ}$

4)



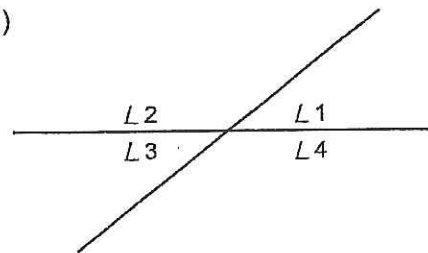
$L1 = \underline{\hspace{2cm}}$   
 $L2 = \underline{109^\circ}$   
 $L3 = \underline{\hspace{2cm}}$   
 $L4 = \underline{\hspace{2cm}}$

5)



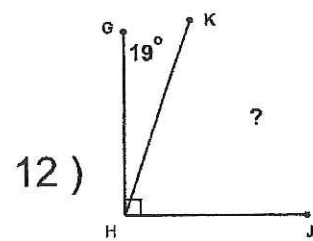
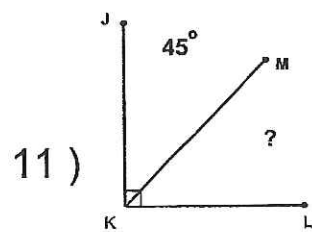
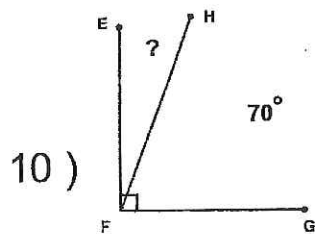
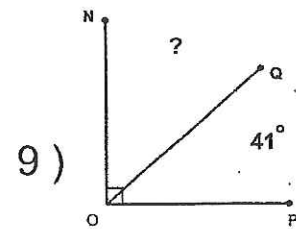
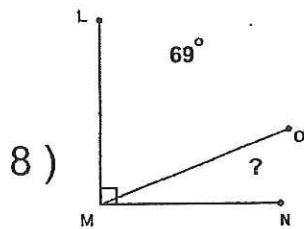
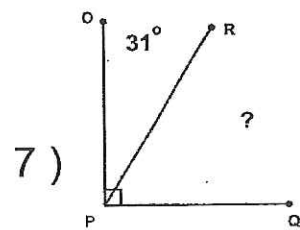
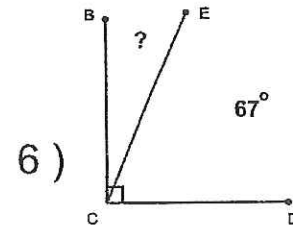
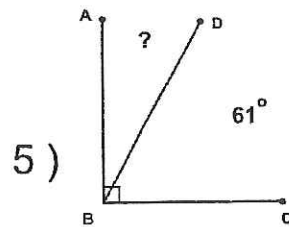
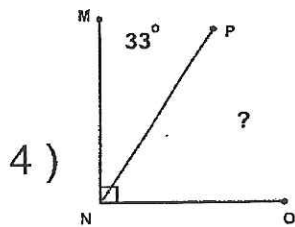
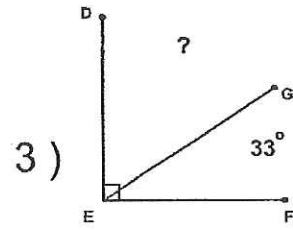
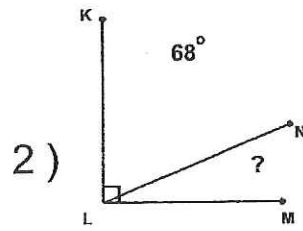
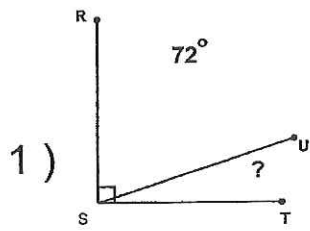
$L1 = \underline{32^\circ}$   
 $L2 = \underline{\hspace{2cm}}$   
 $L3 = \underline{\hspace{2cm}}$   
 $L4 = \underline{\hspace{2cm}}$

6)



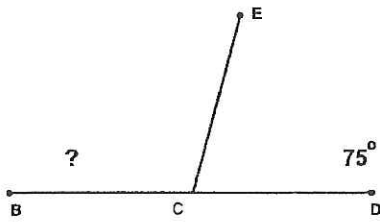
$L1 = \underline{\hspace{2cm}}$   
 $L2 = \underline{\hspace{2cm}}$   
 $L3 = \underline{\hspace{2cm}}$   
 $L4 = \underline{142^\circ}$

Name the missing angle, and find its measurement.

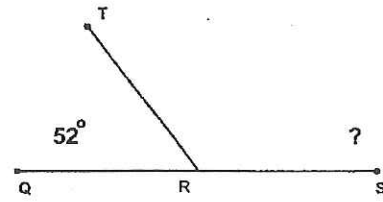


Name the missing angle, and find its measurement.

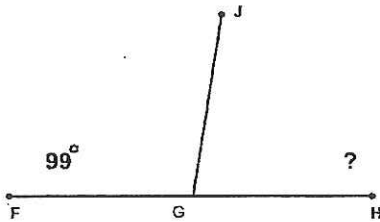
1)



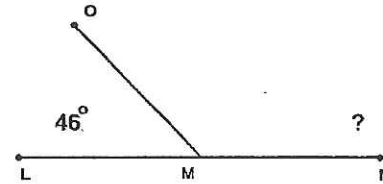
2)



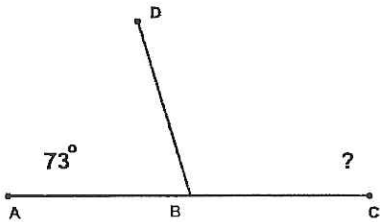
3)



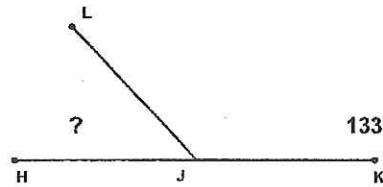
4)



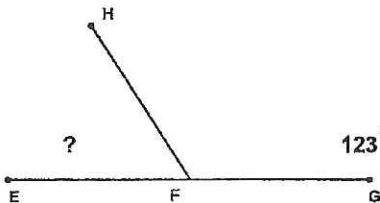
5)



6)



7)



8)

