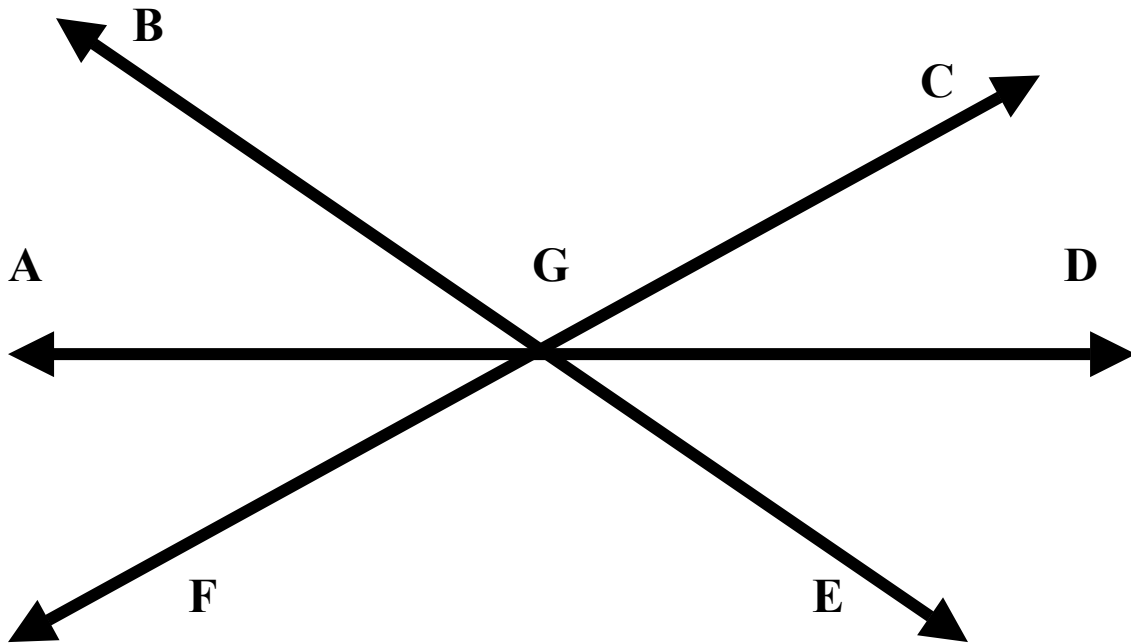


**\* Special Angles related to Horizontal Lines \***



Note Line AGD is a Horizontal Line while BGF & CGF are Oblique Lines.

Oblique Lines BGF & CGF intersect Line AGD creating Vertical Angles.

**Investigate the angle relationship between Opposite Vertical Angles  
by measuring the value of each using a Protractor.**

**For Example: Measure Angle BGC then measure Angle FGE.  
What did you get for each angle? What can you conclude?**

**For Example: Measure Angle AGB then measure Angle EGD.  
What did you get for each angle? What can you conclude?**

**For Example: Measure Angle AGF then measure Angle DGC.  
What did you get for each angle? What can you conclude?**

**Can you make a General Conclusion about Opposite Vertical Angles?  
What type of reasoning did you use? Deductive or Inductive?**