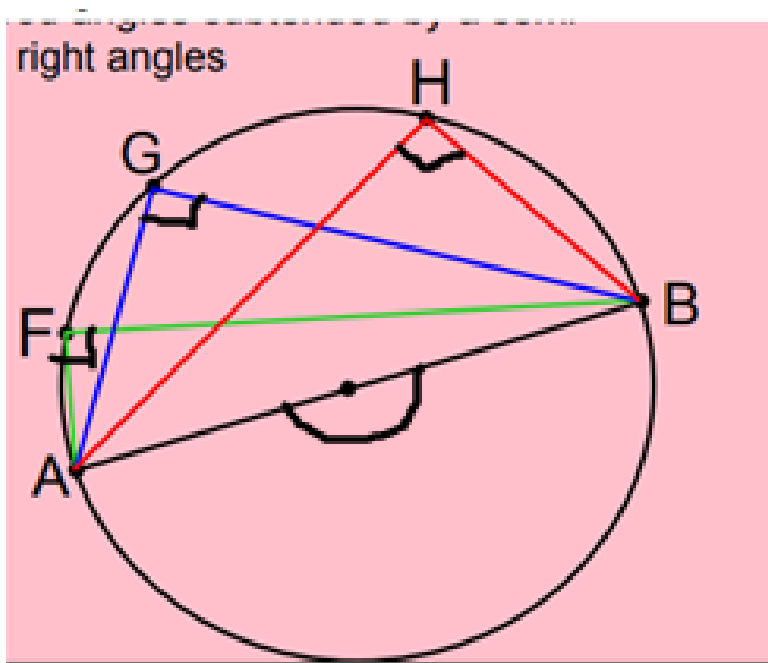


## RULES ABOUT CIRCLES

- ~~1. radius and the tangent always make a right angle. (90 degrees)~~
- ~~2. A radius or diameter that bisects a chord creates a 90 degree angle where it bisects  
OR  
A radius or diameter that makes a 90 degree angle with a chord also bisects that chord  
OR  
The perpendicular bisector of any chord passes through the centre of the circle~~
3. Central Angle is double the inscribed angle if the end points on the outside of the circle are the same.
4. Inscribed angles are equal if the end points on the outside of the circle are the same
5. Inscribed angles where the endpoints join to make a diameter are also 90 degrees



red, green and blue angles are all the same because they all have the same endpoints and they're all inscribed angles

red, green and blue angles are all half of the central angle made with a and b endpoints