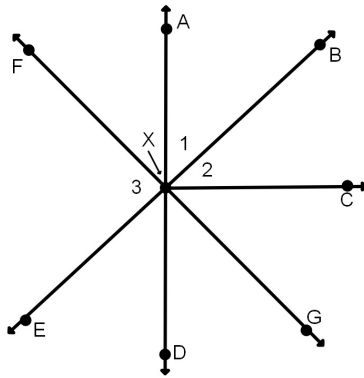
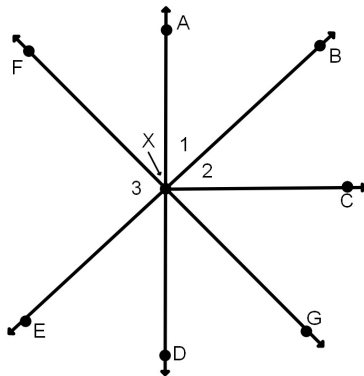


Given: $\overrightarrow{XC} \perp \overrightarrow{AD}$ $\overrightarrow{FG}, \overrightarrow{AD}$, and \overrightarrow{BE} intersect at X



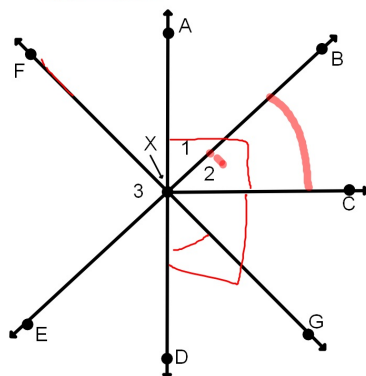
1. Name an angle that is vertical to $\angle EXD$
 $\angle AXB$
2. Name an angle that is vertical to $\angle DXB$
 $\angle AXE$
3. Name an angle that is vertical to $\angle 3$
 $\angle BXC$
4. Name an angle that is adjacent to $\angle CXG$
 $\angle DXG$

Given: $\overrightarrow{XC} \perp \overrightarrow{AD}$ $\overrightarrow{FG}, \overrightarrow{AD}$, and \overrightarrow{BE} intersect at X



5. Is $\angle 3$ adjacent to $\angle EXA$?
NO
6. Name an angle that is supplementary with $\angle 1$
 $\angle AXE$ or $\angle BXC$
7. Name an angle that is supplementary with $\angle EXG$
 $\angle GXB$

Given: $\overrightarrow{XC} \perp \overrightarrow{AD}$ $\overrightarrow{FG}, \overrightarrow{AD}$, and \overrightarrow{BE} intersect at X



8. Name an angle that is complementary with $\angle 2$
 $\angle CXA$
9. Name an angle that is complementary with $\angle DXG$
 $\angle GXC$
10. Name an angle that is congruent to $\angle AXF$
 $\angle DXG$