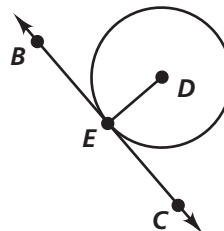Name _____ Class _____ Date _____

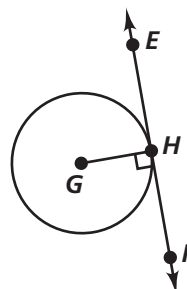# 12C: Reading/Writing Math Symbols   For use after Lesson 12-3

Study Skill When you are reading, use the context to help you decide
which of several meanings a word has. Clues from the context can
sometimes also help you decide the meanings of unfamiliar terms.

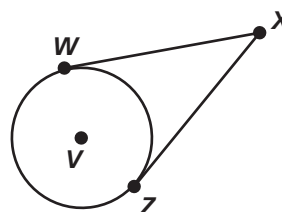**Use symbols to describe the relationships described below.**

1. $\overleftrightarrow{BC}$ is tangent to the circle. What do you know
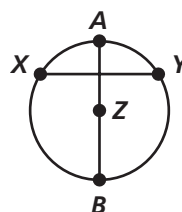   about $\overleftrightarrow{BC}$ and the radius?

   _____

2. In $\odot G$, $\overleftrightarrow{EF}$ is perpendicular to $\overline{GH}$. What do
   you know about the line and the circle?

   _____

3. If $\overline{WX}$ and $\overline{ZX}$ are tangent to the circle at W and
   Z, what do you know about the two segments?

   _____

4. If $\overline{AB}$ is a diameter and bisects XY, and Z is
   the center of the circle, what do you know
   about $\overline{AB}$ and $\overline{XY}$?

   _____

5. $\overline{JH}$ is a diameter and bisects $\overline{KL}$ and G is
   the center of the circle. If $LH = 5$ and
   $ML = 3$, what is the length of $\overline{HM}$?

   _____