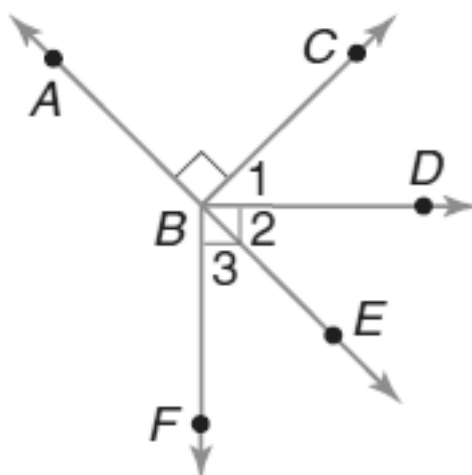


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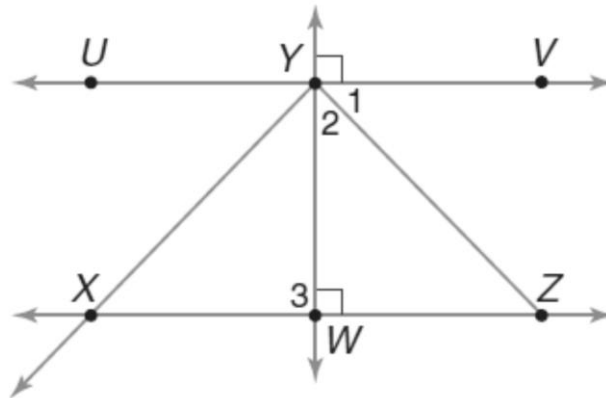
Lines Relationships

A) Refer to the given diagram to answer the questions



- 1) What is the relation between lines \overline{AB} and \overline{CB} ?
- 2) What is the relation between lines \overline{DB} and \overline{FB} ?
- 3) What is $m\angle ABC$?
- 4) What is $m\angle FBD$?
- 5) If \overline{BE} is the bisector of $\angle FBD$, find $m\angle 1$ and $m\angle 2$

B) In the figure, $\overline{UV} \perp \overline{YW}$



- 6) If $m\angle 2 = 46^\circ$, find $m\angle 1$
- 7) If $m\angle 1 = 55^\circ$, find $m\angle 2$
- 8) Find $m\angle VYW + m\angle ZWY$
- 9) Is $\overline{UV} \perp \overline{YZ}$
- 10) Find $m\angle UYX + m\angle XYW$
- 11) Name two pairs of adjacent right angles