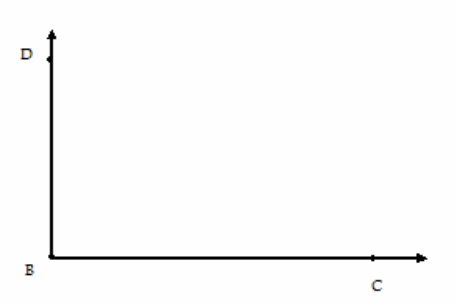
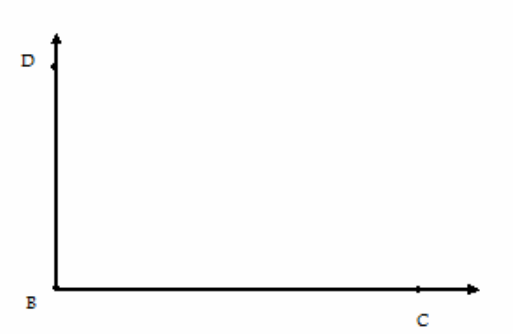
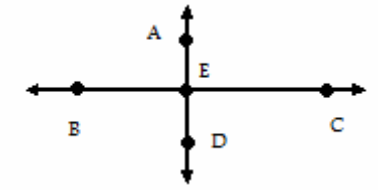
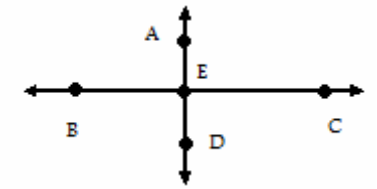
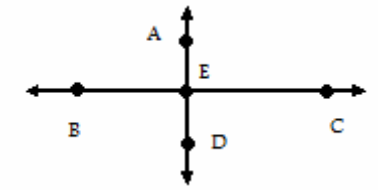
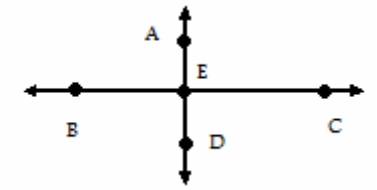
Name_____
Due Date_____
Block_____

Intro to Proofs #2.7

1.  *Given*: $\measuredangle DBC$ is a right angle Prove: $2 \cdot m\measuredangle DBC = 180°$	2.  *Given*: $m\measuredangle DBC = 90°$ Prove: $\overline{BD} \perp \overline{BC}$
3.  *Given*: $\overleftrightarrow{BC} \perp \overleftrightarrow{AD}$ Prove: $\measuredangle AEB \cong \measuredangle AEC$	4.  *Given*: $\overleftrightarrow{AE}$ bisects $\overline{BC}$ $BE = 4$ Prove: $EC = 4$
5.  *Given*: $\overleftrightarrow{AE} \perp \overleftrightarrow{BC}$ Prove: $\measuredangle AEB$ is supplementary to $\measuredangle DEC$	6.  *Given*: $\overleftrightarrow{AD}$ bisects $\measuredangle BEC$ Prove: $\overleftrightarrow{AD} \perp \overleftrightarrow{BC}$