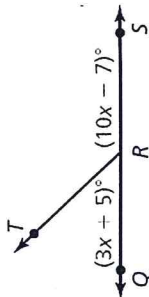
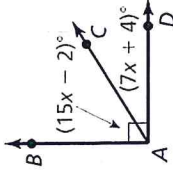


Date Due Mon, Sept. 12

8. $x =$ _____ $m\angle QRT =$ _____



9. $x =$ _____ $m\angle BAC =$ _____ $m\angle DAC =$ _____



10. $\angle UVW$ and $\angle XYZ$ are complementary angles. $m\angle UVW = (x - 10)^\circ$. $m\angle XYZ = (4x - 10)^\circ$.
Draw and label the diagram. Show all work.

$x =$ _____

$m\angle UVW =$ _____

$m\angle XYZ =$ _____

11. $\angle EFG$ and $\angle LMN$ are supplementary angles. $m\angle EFG = (3x + 17)^\circ$. $m\angle LMN = (1/2x - 5)^\circ$.
Draw and label the diagram. Show all work.

$x =$ _____

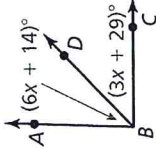
$m\angle EFG =$ _____

$m\angle LMN =$ _____

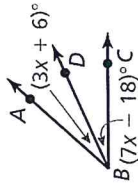
Date Due _____

For #6 - 9, \overrightarrow{BD} bisects $\angle ABC$. Use the diagram and the given angle measures to find the indicated angle measures

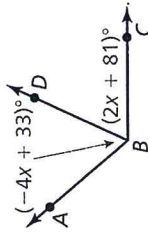
6. $x =$ _____ $m\angle ABD =$ _____ $m\angle CBD =$ _____ $m\angle ABC =$ _____



7. $x =$ _____ $m\angle ABD =$ _____ $m\angle CBD =$ _____ $m\angle ABC =$ _____



8. $x =$ _____ $m\angle ABD =$ _____ $m\angle CBD =$ _____ $m\angle ABC =$ _____



HW #6
 Name _____
 Period _____
Show all algebra.