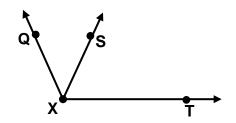
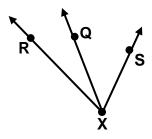
Use the Angle Addition Postulate to find the value of 'x' and the measure of the angle indicated for each of the following problems.

1. $m\angle SXT = (4x + 1)^{\circ}, m\angle QXS = (2x - 2)^{\circ},$ and $m\angle QXT = 125^{\circ}$. Find $m\angle QXS$.



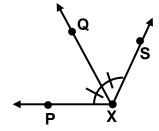
m_QXS = _____

2. $m\angle RXQ = (x + 15)^{\circ}, m\angle RXS = (5x - 7)^{\circ},$ and $m\angle QXS = (3x+5)^{\circ}$. $m\angle RXS$.



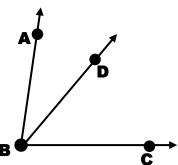
m∠RXS = _____

3. $m\angle PXQ = (8x - 3)^{\circ}, m\angle PXS = (10x + 30)^{\circ}.$ Find $m\angle QXS$.



m_QXS = _____

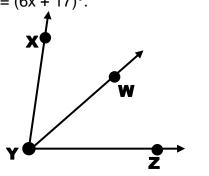
4. $m\angle ABD = (3x + 1)^{\circ}$, $m\angle DBC = (4x - 7)^{\circ}$ and $m\angle ABC = 85^{\circ}$. Find $m\angle ABD$.



m_ABD = _____

Find the value(s) indicated.

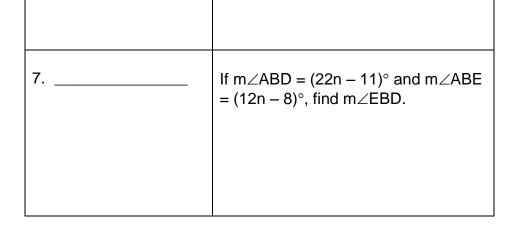
5. YW is a bisector of \angle XYZ. $m\angle$ XYW = $(8x - 5)^{\circ}$ and $m\angle$ WYZ = $(6x + 17)^{\circ}$. Find $m\angle$ XYZ.

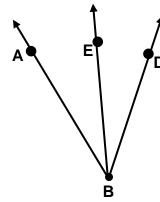


m∠XYZ = _____

Given that BE bisects ∠ABD below, find each of the following.

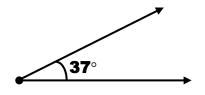
6.	If m \angle ABE = (6x + 2)° and m \angle DBE =
	(8x – 14)°, find m∠ABE.
	,





REVIEW

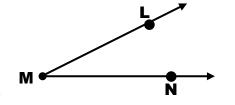
8. Classify the angle:_____



9. Name the angle _____

Name the vertex _____

Name the sides of the angle:_____



Y is between X and Z, XY = 3x + 1, YZ = 2x - 2, XZ = 84. Find each of the following.