Geometry Worksheets
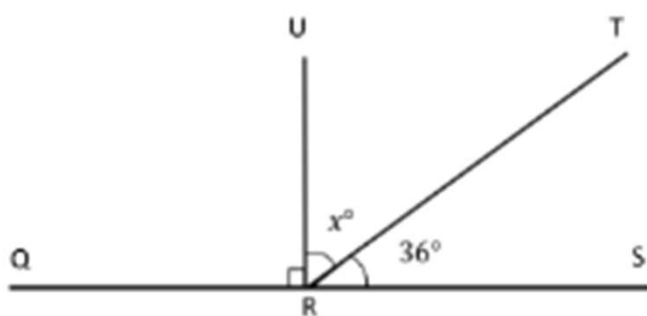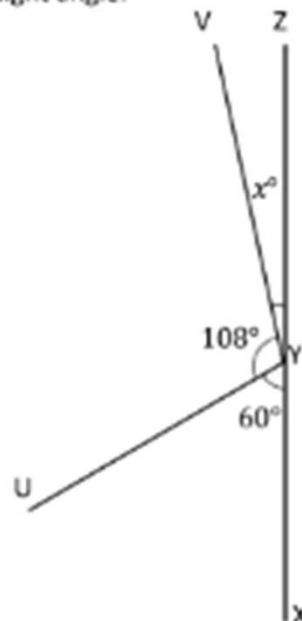# (Adjacent Angles)

5. Solve for the measurement of ∠TRU.
   ∠QRS is a straight angle.

6. Solve for the measurement of ∠ZYV.
   ∠XYZ is a straight angle.

7. In the following figure, *ACDE* is a rectangle. Without using a protractor, determine the measurement of ∠*DEB*. Write an equation that could be used to solve the problem.
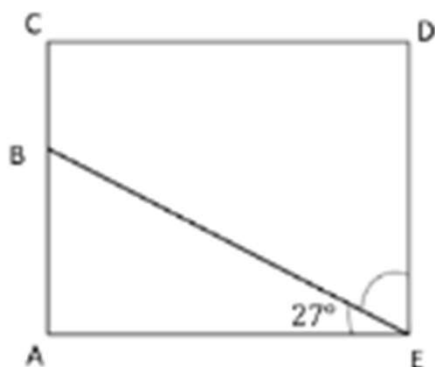
Geometry Worksheets
(Adjacent Angles)

5. Solve for the measurement of $\angle TRU$.
    $\angle QRS$ is a straight angle.

$$90° + 36° + x° = 180°$$
$$x° = 54°$$
$$\angle TRU = 54°$$

6. Solve for the measurement of $\angle ZYV$.
    $\angle XYZ$ is a straight angle.

$$60° + 108° + x° = 180°$$
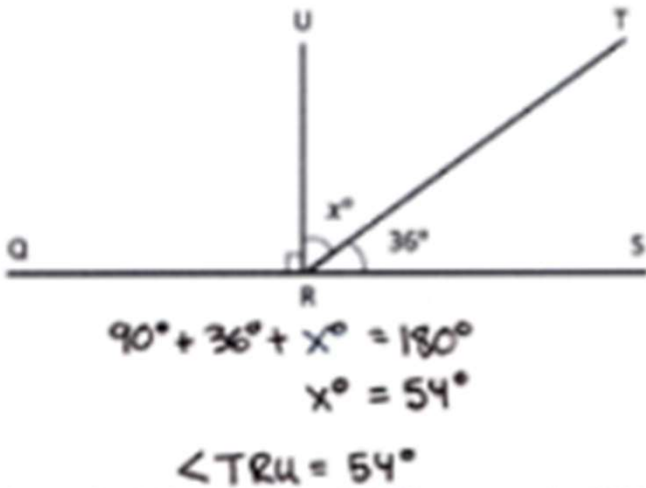$$x° = 12°$$
$$\angle ZYV = 12°$$

7. In the following figure, $ACDE$ is a rectangle. Without using a protractor, determine the measurement of $\angle DEB$. Write an equation that could be used to solve the problem.
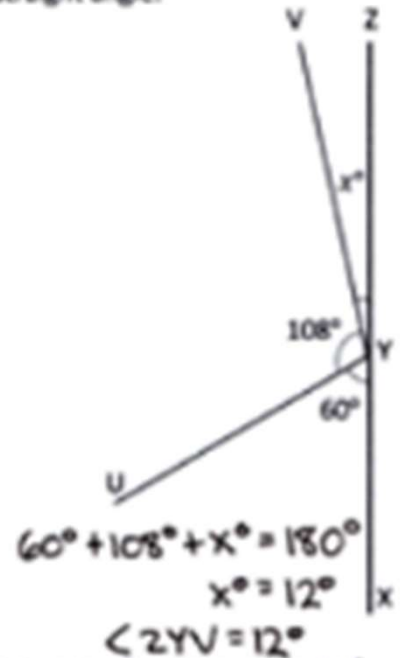

$$27° + x° = 90°$$
$$x° = 63°$$
$$\angle DEB = 63°$$

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