MATHEMATICS 9

A. Identify if the following statements are **true** or **false**.

_____1. Vertical angles are **always** equal.

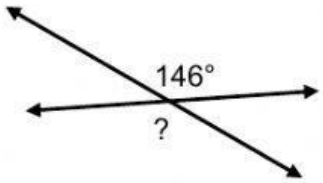
_____2. Two right angles are supplementary.

_____3. Complementary angles always sum up to **180°.**

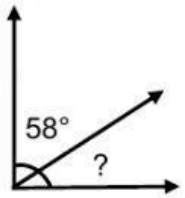
_____4. Two obtuse angles **cannot** be supplementary.

_____5. One obtuse angle and one acute angle can be complementary.

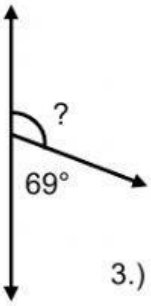
B. Solve for the measurement of the missing angle.



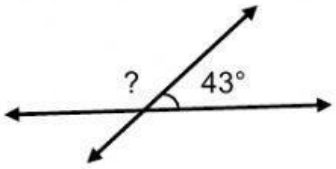
1.) _____



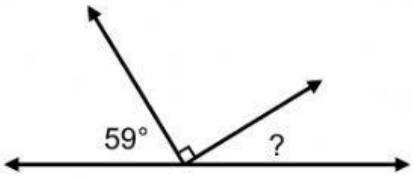
2.) _____



3.) _____

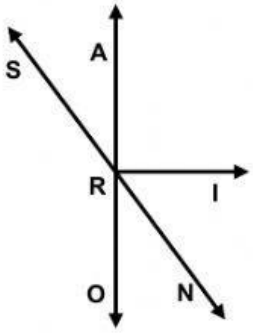


4.) _____



5.) _____

C. Study the figure below and answer the questions that follow with **yes** or **no**.



1. Is ∠SRO an obtuse angle? _____
2. Are ∠IRN and ∠SRA opposites? _____
3. Is ∠ARS supplementary to ∠ARN? _____
4. Are ∠ORN and ∠NRI complementary? _____
5. Are the measurements of ∠ARI and ∠IRO equal? _____