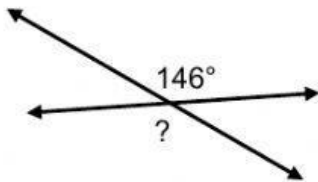


MATHEMATICS 9

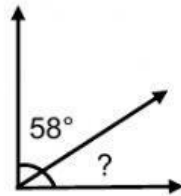
A. Identify if the following statements are **true** or **false**.

- _____ 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.

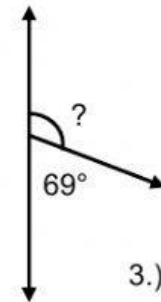
B. Solve for the measurement of the missing angle.



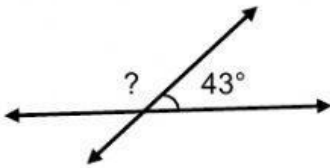
1.) _____



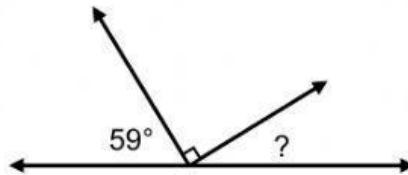
2.) _____



3.) _____

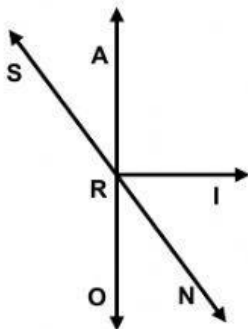


4.) _____



5.) _____

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



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