

2.1

CONDITIONAL STATEMENTS

Conditional Statement

A _____ statement written in “_____” form.

If it is raining, then there are clouds in the sky.



Writing Conditionals

a) All birds have feathers

b) A linear pair are supplementary angles

Different Kinds of Conditionals

If an angle measures 99 degrees, then it is obtuse.

CONVERSE

Switch the “ _____ ”.

WARNING

THESE ARE NOT
ALWAYS TRUE

INVERSE

The _____ of the hypothesis and conclusion in the original statement.

CONTRAPOSITIVE

The _____ of the hypothesis and conclusion in the _____.

...Using Symbols

Original

CONVERSE

INVERSE

CONTRAPOSITIVE

Practice

If a polygon is regular, then it is equilateral.

CONVERSE

INVERSE

CONTRAPOSITIVE

Biconditionals revisited

If it is a _____, then it is a polygon with _____

If it is a polygon _____, then it is a _____