

2.2 Conditional Statements

A logical Statement with 2 parts

- ① Hypothesis - The "If" part
- ② Conclusion - The "then" part or the result

*If you ^{hyp} score a 50, then you pass
the test Conclusion

If then form:

It is cloudy when it rains

2 angles sum to 180° , they are Supp.

If it is cloudy, ~~then it rains~~
then it is raining

If 2 angles add to 180° , then the angles
are Supplementary

Converse: Reverse the hyp & Conc.

If the angles are supplementary,
then they add up to 180°

Inverse: Make both parts negative
(not)

If 2 angles don't add to 180° , then
they are not Supplementary

If-then

If angle is 90° , then it is a rt \angle

or If a rt \angle , then is 90°

Converse

If the \angle is 90° , then it is a rt \angle

Inverse If it is not 90° , then it is
not a rt \angle

"The measure of a rt \angle is 90° "