

Honors Geometry 1.7

If _____ Then _____
Conditional statement
Given Prove
Conjecture Conclusion
Hypothesis
P Q

IF p then q

Converse If q then p

Negation Turn a true statement false
Turn a false statement true

Inverse If not p then not q

Contrapositive If not q then not p

If you live in Chicago, then you live in Illinois.

A dog has four legs.

If an animal is a dog then it has four legs