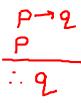
Deductive Reasoning

Deductive Reasoning - Uses the laws of logic to reach a conclusion.

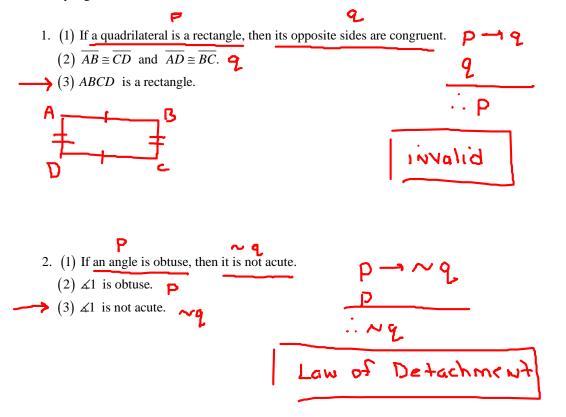
<u>Law of Detachment</u> - If $p \rightarrow q$ is true and p is true, then q is true.

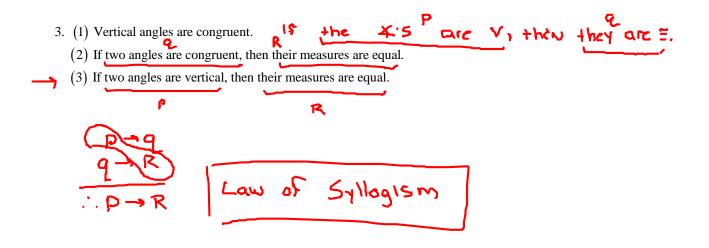


Law of Syllogism - If $p \rightarrow q$ is true and $q \rightarrow r$ is true, then $p \rightarrow r$ is true.



Directions: Determine if statement (3) follows from statements (1) and (2) by the Law of Detachment or the Law of Syllogism.





Directions: Determine if a valid conclusion can be reached from the two true statements using the Law of Detachment or the Law of Syllogism.

