Name _____

Construct the truth table to show that *Modus Ponens* is a valid argument.

$$((p \rightarrow q) \wedge p) \rightarrow q$$

Construct the truth table to show that Hypothetical Syllogism is a valid argument.

$$((p \rightarrow q) \wedge (q \rightarrow r)) \rightarrow (p \rightarrow r)$$