

Philosophy 500 — Quiz #2. May 17.

Name: _____

Grade: _____ / 10

A. Using the key given, translate each of the following sentences. (2 pt. each)

D: Dana likes Italian food.

K: Karl likes Italian food.

W: Walter likes Italian food.

1. Either Dana likes Italian food or neither Karl nor Walter does.
2. Walter only likes Italian food if Dana doesn't.
3. Dana likes Italian food unless Karl does, and Walter likes Italian food if Dana does.

B. For each of the following, state whether it's true or false. If it's true, explain in detail how you can be sure of that. If it's false, give a counterexample (i.e. an example which shows it's false). (2 pts. each)

4. If $A, B \therefore C$ is a valid argument, then so is $A \therefore C$.
5. If $\{A \ \& \ B, C\}$ is a consistent set, then $A, B \therefore \neg C$ is invalid.