

PodClass Handout Week 2

Examples

If I am a philosopher, then I am a millionaire.

I am a philosopher.

Therefore, I am a Millionaire.

All flowers are dogs.

All poodles are flowers.

Therefore, all poodles are dogs.

All vegetables contain vitamin C.

Spinach is a vegetable.

It follows that Spinach contains vitamin C.

All flowers are plants.

All roses are flowers.

Therefore, all roses are plants.

All roses are flowers.

All daisies are flowers.

All daisies are roses.

Deductive Argument: an argument whose conclusion necessarily follows from the premises.

Inductive Argument: an argument whose conclusion is not necessary relative to the premises.

You are sick with a viral infection.

You are taking the antibiotic penicillin.

Antibiotics like penicillin are not effective in treating viral infections.

It follows the penicillin will not help you get over your viral infection.

Anyone over the age of 21 can play the slot machines in Las Vegas, unless they are a convicted felon.

Sam is 33.

Hence, Sam can legally play the slot machines in Las Vegas.

Some dogs are Golden retrievers .

Hence, the next dog I see will be a golden retriever.

All fish can fly.

All things that can fly can talk.

All fish can talk.

All whales are mammals.

All mammals are animals.

All celestial bodies are dense.

Dogs cannot be both hungry and not hungry (at the same time).

The red ball is red.