

Logical Fallacies:

part two

Post Hoc Ergo Propter Hoc:

<http://www.youtube.com/watch?v=vRJUvFG8gbE>

I ate a loaf of bread, and got a cold a few days later



a.k.a. False Cause:
Claiming one event caused another event because it occurred before (A then B, therefore A caused B)

I must have gotten sick from the bread I ate

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WATCH WHAT I
CAN MAKE PAVLOV DO.
AS SOON AS I **DROOL**,
HE'LL SMILE AND WRITE
IN HIS **LITTLE BOOK**.



Pavlov's Classical Conditioning experiment in The Office:

<http://www.youtube.com/watch?v=nE8pFWP5QDM>

MARILYN MONROE

says,

"Yes, I use
Lustre-Creme Shampoo"

Appeal to Authority:
An argument made by a
person who is not an expert

Marilyn Monroe

starring in
"GENTLEMEN
PREFER
BLONDES"

A 20th Century-Fox Production
Color by Technicolor





LANCÔME
PARIS

Now, Aura is our science.

NEW
TEINT MIRACLE
NATURAL LIGHT CREATOR - BARE SKIN PERFECTION

A light emanates from the most beautiful skins. We can reproduce it.

10 years of research, 7 patents pending: Lancôme invents its
1st foundation that recreates the Aura of perfect skin.

A miracle of light for a new natural perfection.
Instantly, complexion appears lit-from-within. Sublimely bare, truly flawless.



Julia Roberts

Gambler's Fallacy:

<http://www.youtube.com/watch?v=K8SkCh-n4rw>



False Analogy:
Using an analogy as evidence/proof to support
your argument



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One must use analogies with great care, keeping in mind that they may be fine illustrations but poor proof.

KEEPING A DOG AS A PET IS EVERY BIT
AS EVIL AS HUMAN SLAVERY... PET
OWNERS ARE THE KU KLUX KLAN
OF THE 21ST CENTURY

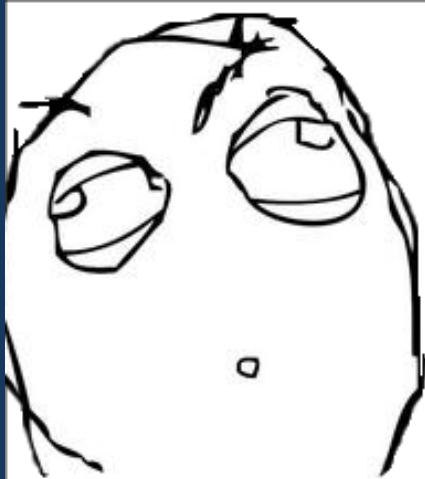


THE ANIMAL RIGHTS ACTIVIST
TELLS IT LIKE IT IS

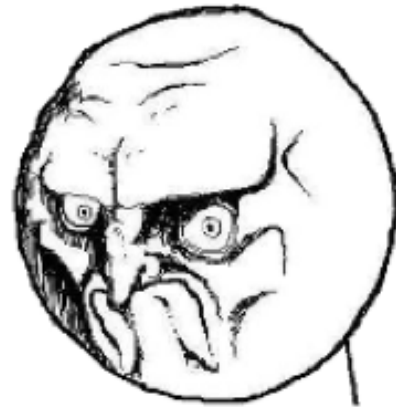
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Appeal to Ignorance:

An argument for something based on lack of evidence against it
(There is no evidence for P, therefore not-P)



Person 1: It's safer to drive airplanes on the ground, than to fly them.

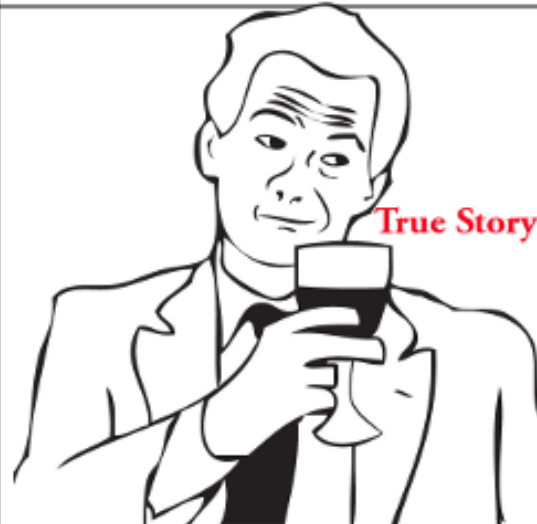


Person 2: NO.

NO.



Person 1: You have no proof that its more dangerous to drive airplanes on the ground, so it must be safer.



True Story

NO ONE HAS EVER DISPROVED
A FLYING SPAGHETTI

MONSTER

THEREFORE THEY MUST BE REAL

A LACK OF EVIDENCE IS NOT EVIDENCE

Now, make up your own illogical arguments (or use ones that you have heard in real life)!

- Create 3 arguments that have fallacies in them, using the fallacies taught in class or others found on <http://www.nizkor.org/features/fallacies/>.

- Then, share them with the class. How good are we at noticing illogical arguments? Can you identify the fallacy?

I bet you are all experts now. 😊

Test yourself. See how many fallacies you can identify!

<http://www.funtrivia.com/playquiz/quiz2814762039ae8.html>