

Can you solve this?

Watch the YouTube video: <https://www.youtube.com/watch?v=vKA4w2O61Xo> or search YouTube for “Veritasium The Most Common Cognitive Bias”

What task does Dr. Muller give people to do?

Explain how most people approach this problem.

What example does Dr. Muller use to demonstrate that the scientific method can be used to disprove a theory?

What does Dr. Muller say is the most common cognitive bias? (Even scientists tend to have it.)

What does Dr. Muller suggest would be a better approach to solving scientific questions?

According to the ancient Greeks, empiricism (scientific method) represents an error in logical proof. Most scientists today will admit that using the scientific method does not allow us to say, “Science has proven that” We should say, “Scientific studies indicate that” (If you want some evidence of this, look up the definition of abductive reasoning.) Given these statements, how does science get to the point of having theories and laws?
