1. All men are mortal. 2. Marcus Freeman is mortal.

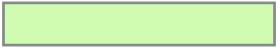
C. Marcus Freeman is a man.

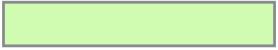
One way to show that this argument is invalid is to focus on its form.











_	All F's are G.
2.	x is G
C.	x is F.

Can you think of any argument of this form which has true premises and a false conclusion?

This shows that this form of argument is invalid — which in turn is good evidence that the argument at the top, which is of this form, is invalid.

An argument is **valid** when it is impossible for its premises to be true and its conclusion false.

An argument is **sound** when it is valid and all of its premises are true.

an argument is valid when it is impossible for its premises to be true and its conclusion false

an argument is sound when it is valid and all of its premises are true

Can you think of any argument of this form which has true

premises and a false conclusion?

invalid

good evidence that the argument at the top, which is of this form, is

This shows that this form of argument is invalid — which in turn is

