

TRANSYLVANIA

In Transylvania there are two sorts of people, humans and vampires. Humans tell the truth, but vampires lie.

However, things aren't quite that simple: everybody is either sane or *mad*, and if they are mad, they say the opposite of what they should.

So	a sane human	tells the truth
	a sane vampire	lies
	an insane vampire	tells the truth
	an insane human	lies

Make sure you understand these results.

Someone in Transylvania says to you, "I'm a human". What do you know about them? (i.e. are they human or vampire, sane or insane?)

Who can say the following things:

- 1) I am sane.
- 2) I am insane.
- 3) I am a vampire.
- 4) I am telling the truth.
- 5) I am lying.

How many questions do you need to ask to find out exactly what a person is? What questions would you use?