

Theorems that sound funny when translated into English.

Section 1

- 1) Let a painting be an 'ultimate beauty' iff if any painting is beautiful, it is.
FACT: If there are any paintings at all, at least one is an ultimate beauty.
- 2) Let a painting be a 'beauty archetype' iff if it isn't beautiful, then no painting is.
FACT: If there are any paintings at all, at least one is a beauty archetype.
FACT: Ultimate beauties are beauty archetypes and vice-versa.
- 3) Call something 'ludicrously ugly' iff if it is beautiful, then everything is.
FACT: There is something that is ludicrously ugly.
- 4) Say that someone has 'maximal self-esteem' iff if anyone respects themselves, then they do.
FACT: Someone has maximal self-esteem.
- 5) Say that someone has 'minimal self-esteem' iff they respect themselves only if everyone respects themselves.
FACT: Someone has minimal self-esteem.
- 6) Call a pair of people 'madly in love' iff if exactly one pair of people love each other, then these two people love each other.
FACT: There is a pair of people that are madly in love.
FACT: It is impossible for there to be exactly two pairs of people that are madly in love (though more than two pairs is possible).
- 7) Call a pair of people 'copycat lovers' iff if any pair of people love each other, then this pair of people love each other.
FACT: There is at least one pair of copycat lovers.
FACT: Any pair of people are copycat lovers if they are madly in love.

Section 2

- 8) Call someone a 'follower' iff they admire anyone that everyone admires but don't admire anyone that no one admires.
FACT: Everyone is a follower.
- 9) Call someone an 'anti-follower' iff they admire all and only people that nobody admires.
FACT: It is impossible for there to be an anti-follower.
- 10) Call someone a 'contrarian' iff they admire all and only people that nobody other than themselves admires.
FACT: There can be at most one contrarian.
- 11) Let 'the super-barber of Ithaca' refer to someone who lives in Ithaca and gives haircuts to all and only people who live in Ithaca who don't cut their own hair.
FACT: There cannot be a super-barber of Ithaca.
- 12) Let 'the super-manicurist of Ithaca' refer to someone who lives in Ithaca and gives manicures to all and only the women in Ithaca who don't give themselves manicures.
FACT: It is consistent that there is a super-manicurist of Ithaca, but if there is, it must be a man.
- 13) Call someone 'an admirer of humility' iff they admire all and only great actors who do not admire themselves.
FACT: No great actors can be admirers of humility.