

Universal Affirmative -- All S are P

Universal Negative -- No S are P

Particular Affirmative -- Some S are P

Particular Negative -- Some S are not P

Translate each of the following sentences into a standard form categorical statement.

1. A rolling stone gathers no moss.
2. Never give a sucker an even break. (No suckers are persons you should give an even break.)
3. Some golfers cheat.
4. Anyone who likes movies enjoys the Academy Awards.
5. A tulip is a beautiful flower.
6. Europe is a small continent.
7. All French citizens are not opposed to the war.
8. A few textbooks for the course are expensive.
9. A few textbooks for the course are not expensive.
10. Every good boy deserves favor.
11. Snakes are not cuddly creatures.
12. George Washington was not always honest.
13. There are three hands yet to be played.
14. Anyone who wants to can request a transcript.
15. Whenever it snows, I have to shovel the walk.
16. Only humans pray.

17. A mind is a terrible thing to waste.

18. I'm not happy today.

19. Bob is due in at noon.

20. If a stick moves, it's a snake.

Name the logical relationship that exists between each pair of categorical propositions.

No squirrel is an island. Some squirrels are not islands.

Some books are not fit for teens. Some books are unfit for teens.

All students are scholars. All scholars are students.

No cars are reliable. All cars are unreliable.

Some cases of fraud are hard to prove. Some cases of fraud are not hard to prove.

No disreputable people can be happy. No unhappy people are reputable.

All college expenses are tax-deductible. Some tax-deductible items are college expenses.

Some chemicals are not toxic. Some nontoxic things are not nonchemicals.

Some union members were not happy about the new contract. Some who are happy about the new contract were not union members.

Not one of my family members is in trouble with the law. No one who is in trouble with the law is one of my family members.

There are no stupid questions. There are some stupid questions.

Everyone likes to eat hot foods. Some don't like to eat hot foods.

All humans are equal. No persons are unequal.

Distribution of Terms in Categorical Propositions

The A statement distributes the subject term only

The E statement distributes both the subject term and predicate term

The I statement distributes no terms (neither the subject nor predicate)

The O statement distributes the predicate term only

Mnemonic Device: **AsEbInOp**