Sentences 1-3 are false. Prove it.

- 1. If someone is from Missouri, then that person loves the cold.
- 2. All even numbered movie sequels are worse than the odd numbered movies in that series.
- 3. Whenever someone knows they should do something, they will do it.

A little logic:

<u>conditional</u>: a general claim about all members of some category, or a general claim about every time some proposition is true

In this class, we'll always express conditionals using "If ... then..." "Whenever ..." or "All"

If something is a human, then it is an animal. Whenever Fred goes to the store, he buys milk. All kittens are cute.

antecedent: the category or proposition that a conditional makes a general claim about

If <u>something is a human</u>, then it is an animal. Whenever <u>Fred goes to the store</u>, he buys milk. All kittens are cute.

consequent: what a conditional asserts about the category/proposition in its antecedent

If something is a human, then <u>it is an animal</u>. Whenever Fred goes to the store, <u>he buys milk</u>. All kittens <u>are cute</u>.

<u>counterexample</u>: a counterexample to a conditional shows that the conditional is false. A counterexample must:

Exercise

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she do?

be less bored. What should she do?

If someone is old, then they are wise.
All teenagers like video games.
Whenever a person loves some one/thing, they should let that person/thing go free.
native terms Of give the answer that seems most plausible to you. Carl is walking down the street. He sees a baby drowning in a shallow pond. There is no one else around. What should Carl do?

8. Lizzie is walking down the street. She has \$10 in her pocket that she intends to use to buy lunch. She sees a homeless person who is clearly much hungrier than her. What should

9. Margaret is bored at home. She realizes that, if she murdered her neighbors, she would

wrong vs. permissible:
\underline{x} is obligatory (or \underline{x} is a duty): it is wrong to not do \underline{x}
partly good / bad:
\underline{x} is overall good: the goodness of x outweighs the badness \underline{x} is overall bad: the badness of x outweighs the goodness
Give a plausible counterexample to each of the following: 10. If x is permissible to do, then it is morally obligatory to do x.
11. If x is wrong to do, then it is permissible for anyone to prevent another person from x ing.
12. If someone has a duty to do x , then it is wrong for anyone to stop that person from x ing.