

Week 1

Exercises on arguments

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Formulate one argument for each of the following types (if possible. If not possible, why?):

- a *sound* argument;
- a valid argument with false premises and false conclusion;
- a valid argument with false premises and true conclusion;
- a valid argument with true premises and false conclusion;
- a valid argument with a true premise, a false premise and a false conclusion;
- a valid argument with a true premise, a false premise and a true conclusion;
- an invalid argument with true premises and true conclusion;
- an invalid argument with true premises and false conclusion;
- an invalid argument with false premises and true conclusion;
- an invalid argument with false premises and false conclusion;
- an invalid argument with a true premise, a false premise and a true conclusion;
- an invalid argument with a true premise, a false premise and a false conclusion.