an argument is valid when it is impossible for its premises to be true and its conclusion false

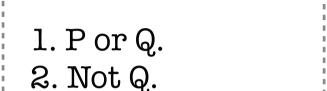
an argument is sound when it is valid and all of its premises are true

Sometimes when thinking about arguments it is helpful to think about the **form** of the argument.

# l. Either Notre Dame is in Indiana or Notre Dame is in Ohio. 2. Notre Dame is not in Ohio. C. Notre Dame is in Indiana. (1,2)

You'll notice that certain words in the argument are repeated.

To get the form of the argument, replace every repeated expression of this sort with a 'dummy letter' — sort of like a variable. That gives us the following form of the argument:



C. P. (1,2)

# Would every argument of this form be valid?













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# of the argument:

To get the form of the argument, replace every repeated expression of this sort

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**()**. Or

\_\_\_\_\_\_

C. P. (1,2)

### 2. Not Q.

# Would every argument of this form be

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an argument is

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# 1. Either Notre Dame is in Indiana or Notre Dame is in Ohio. 2. Notre Dame is not in Ohio. C. Notre Dame is in Indiana. (1,2)