

# Phil. 103: Introduction to Logic

## Quiz: The Square of Opposition

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*Directions:* Assume that the given proposition is *true*, perform the required logical operation, and state the resultant proposition. Then *state the resultant truth value*.

Example: What is the contradictory of "All mass cults are art forms"?

*Answer:* Some mass cults are not art forms. *False*.

1. What is the contrary of "**No arctic flora are bromeliads**"?
2. What is the contradictory of "**Some dragsters are fast cars**"?
3. What is the subcontrary of "**Some Rothco paintings are meditative works**"?
4. What is the superaltern of "**Some Wall St. gnomes are accurate forecasters**"?
5. What is the subaltern of "**No logicians are really boring people**"?

Be sure you have given the resultant truth values.

Name .....