Name: _____

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Kat needs a cat

"Any cat, as long as it's black!
"Or, a female cat, neutered, either white or orange, or a male cat, neutered, any color but white."

(Remember, 1/0, true/false only)

_____

_____

$$\text{M} \bullet \text{N} \bullet (\text{W+O})$$

_____

_____

Some laws of Boolean algebra

Name	AND Form	OR Form
Identity law	1•	

	AND Form	OR Form
	A•A = A	A+A = A
Inverse law	A A = 0	

Build Kat's Cat Checker in Digital Works

A
A
Exercise: The Mystery of the Logician's Lunch

A

A logician goes into a restaurant and says, "I want a hamburger or a hotdog and French fries."
Assume AND takes precedence over OR; the English