

Name: _____

Compound Statements Color by Number

Answer the following true/false statements and color in the corresponding result in the next page.

1. 'The cat eats food' is a compound statement
True = gray
False = ■
2. What does 'v' symbolize?
Conjunctions= gray
Dysjunctions= ■
Conditionals = □
3. Biconditionals are true when both are the same value (both true or both false)
True = gray
False = ■
4. Which is the symbol for biconditionals?
· = gray
≡ = ■
5. Negations only have 2 truth values.
True = gray
False = ■
6. Conditionals are 'if then' statements
True= ■
False = Gray
7. The symbol for conditionals is a 'horseshoe'
True = gray
False = ■
8. Which is the symbol for conjunctions?
· = ■
~ = Gray
9. What type of 'or' statement are disjunctions?
inclusive = □
exclusive = ■

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					2									2	2										
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			1	1	1					2			9	9	2										
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							1	3	9			3	3	2	2	4	4	4					4	4	
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