Disjunction - TEST

1. Which of the following sentences is a disjunction?

☐ Amy played soccer or Bill played hockey.

☐ Amy played soccer and Bill played hockey.

☐ Amy did not play soccer and Bill played hockey.

☐ None of the above.

RESULTS BOX:

_____

2. Which of the following statements is a disjunction?

☐ $\sim x \wedge y$

☐ $x \wedge y$

☐ $x \vee y$

☐ None of the above.

RESULTS BOX:

_____

3. A disjunction is used with which connector?

☐ And

☐ Or

☐ Not

☐ None of the above.

RESULTS BOX:

_____

4. If a is false and b is true, what is the truth value of $a \vee \sim b$?

○ True

○ False

○ Not enough information was given

○ None of the above.

RESULTS BOX:

[   ]

5.

Given:	r: y is prime.
	s: y is even.
Problem:	**Which of the following is a true statement when y is replaced by 3?**

○ r∨~s

○ r∧~s

○ r∨s

○ All of the above.

RESULTS BOX:

[   ]