1. **(1 pt) local/setReadingQuiz1-7/multipleselect.pg**

Which of the following are mathematical statements?

- A. The moon is made of cheese or $1+1=2$
- B. For all a, $a \cdot 0 = 0$
- C. The sky is blue and $1+1=6$
- D. $x=2$
- E. If today is Wednesday, then $6>4$
- F. None of the above

Answer(s) submitted:

-

(incorrect)

2. **(1 pt) local/setReadingQuiz1-7/problem2.pg**

Is the following statement true or false?

$(1+1=3) \rightarrow (2+2=4)$

- True
- False

Answer(s) submitted:

-

(incorrect)

3. **(1 pt) local/setReadingQuiz1-7/problem3.pg**

Is the following statement true or false?

$(2+2=4) \rightarrow (1+1=3)$

- True
- False

Answer(s) submitted:

-

(incorrect)

4. **(1 pt) local/setReadingQuiz1-7/converse.pg**

Select the statements that express the converse of the statement:

If 1+1=2, then today is Monday.

There may be more than one correct answer.

- A. If today is Monday, then 1+1=2
- B. If today is not Monday, then 1+1=2
- C. If today is not Monday, then 1+1$\neq$2
- D. If today is Monday, then 1+1$\neq$2
- E. None of the above

Answer(s) submitted:

-

(incorrect)

5. **(1 pt) local/setReadingQuiz1-7/doubleimplication.pg**

Is the following double implication true or false? There are 10 months in an American calendar year if and only if Atlanta is the capital of the United States.

- True
- False

Answer(s) submitted:

-

(incorrect)

6. **(1 pt) local/setReadingQuiz1-7/contrapositive.pg**

Select the contrapositive of the statement:

If 3 is odd, then 9 is odd.

- A. If 9 is odd, then 3 is odd
- B. If 9 is even, then 3 is even.
- C. If 9 is even, then 3 is odd
- D. If 9 is odd, then 3 is even
- E. If 3 is even, then 9 is odd
- F. None of the above

Answer(s) submitted:

-

(incorrect)

7. **(1 pt) local//setReadingQuiz1-7/universalquantifier.pg**

What is the negation of the statement:

There exists a such that $ab=0$

- A. For all a, $ab=0$
- B. There exist a such that $ab \neq 0$
- C. There does not exist a such that $ab \neq 0$
- D. For all a, $ab \neq 0$
- E. None of the above

Answer(s) submitted:

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(incorrect)

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8. **(1 pt) local//setReadingQuiz1-7/existentialquantifier.pg**

What is the negation of the statement:

There exists a such that $ab = 0$

- A. There does not exist a such that $ab \neq 0$
- B. There exists a such that $ab \neq 0$
- C. For all a, $ab \neq 0$
- D. For all a, $ab = 0$
- E. None of the above

Answer(s) submitted:

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(incorrect)

What did you find most confusing or challenging in this section? If you did not find anything challenging, what did you find most interesting?

Answer(s) submitted:

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(incorrect)

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10. **(1 pt) setReadingQuizStatements/blankProblem.pg**

Enter a value for π

Answer(s) submitted:

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(incorrect)