CLASS: Multiple Quantifiers

Due Jan 26 at 11:59pm **Points** 2 **Questions** 2 **Time Limit** None
Allowed Attempts Unlimited

Instructions

Have your Math 22 notebook prepared to write the definition and the examples.

This CLASS assignment is a continuation to the quantifies statements.

You have multiple attempts in answering the question

Negation of Quantified Statements (https://www.youtube.com/watch?v=jVNubvMSjoo&list=PLiwEbczHeZcuf7VyebtyKcVDqfViUkqfh&index=99)

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	1 minute	2 out of 2

Correct answers are hidden.

Score for this attempt: **2** out of 2
Submitted Jan 26 at 5:47pm
This attempt took 1 minute.

Question 1 — 1 / 1 pts

Multiple Quantifiers (https://www.youtube.com/watch?v=-k3nrUpJc5Q&list=PLiwEbczHeZcuf7VyebtyKcVDqfViUkqfh&index=101)

The logic of quantified statements Note.pdf (https://deanza.instructure.com/courses/33250/files/10766771?wrap=1)

(https://deanza.instructure.com/courses/33250/files/10766771/download?download_frd=1)

Now answer the following question:

$\exists$ an item I such that $\forall$ students S, S chose I.

Translate this statement:

- There is an item that was chosen by some student
- There is an item that was chosen by every student
- All items were chosen by every student

Question 2

1 / 1 pts

Multiple Quantifiers (https://www.youtube.com/watch?v=-k3nrUpJc5Q&list=PLiwEbczHeZcuf7VyebtyKcVDqfViUkqfh&index=101)

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Now answer the following question:

$\forall$ nonzero real numbers u, $\exists$ a real number v such that $uv = 1$

Translate this statement:

- There is a real number with no reciprocal.
- Every nonzero real number has a reciprocal.

Some real numbers have no reciprocal.

Quiz Score: **2** out of 2