#### How to Facilitate an Exam

#### Eric Fredericksen, EdD

Associate Vice President for Online Learning Professor in Educational Leadership

#### Lisa Brown, EdD

Assistant Director
University IT & URMC Institute for Innovative Education

# Learning Objectives Participants will be able to...

- Create a Blackboard Test
- Describe the Question Types
- Explain the Test Settings

#### Tests / Quizzes

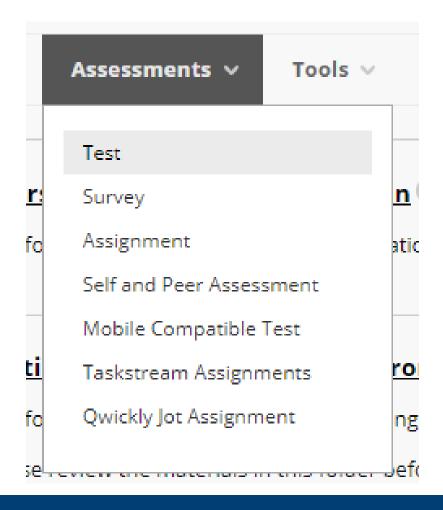
- Student completes online quiz or test
- Many question types can be auto-graded



#### **CREATE THE TEST**

# Adding a Test

- From within a content area in Blackboard
- Choose Assessments
- Choose Test

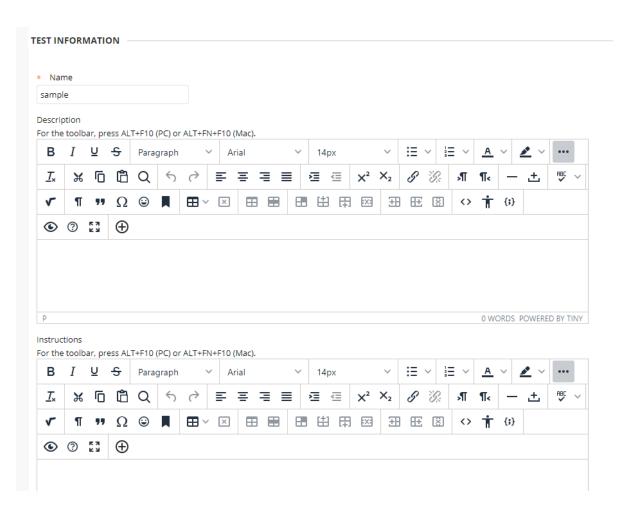


Create a new test or select an existing test to deploy.

Create a New Test

-- Select Test Below -Quiz - Module 2
Quiz - Learning and Motivation Readings
Quiz - Learning and Motivation Readings #2
Group Lesson Choices
Quiz - Motivation Readings
sample

Create a New Test
-orAdd an Existing Test



**Test Name** 

Test Description and Instructions

Display when student clicks the Begin button

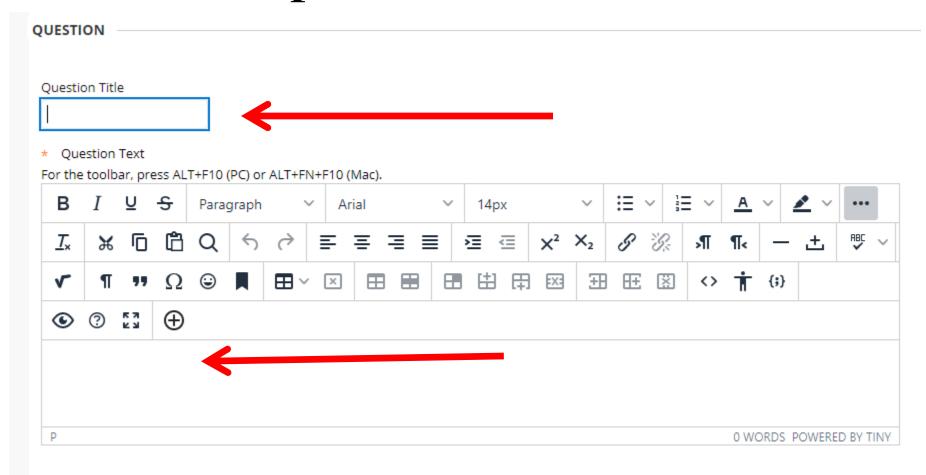
#### **CREATE QUESTIONS**

#### Create Question v Calculated Formula Calculated Numeric Either/Or Essay File Response Fill in Multiple Blanks Fill in the Blank Typ Hot Spot lumbled Sentence Matching Multiple Answer ing Multiple Choice Opinion Scale/Likert Ordering Ouiz Bowl Short Answer True/False

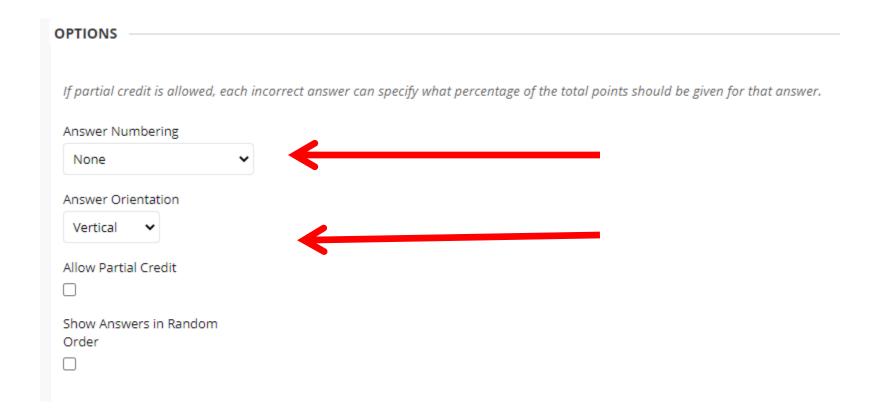
# Question Types

Many of these can be auto-graded

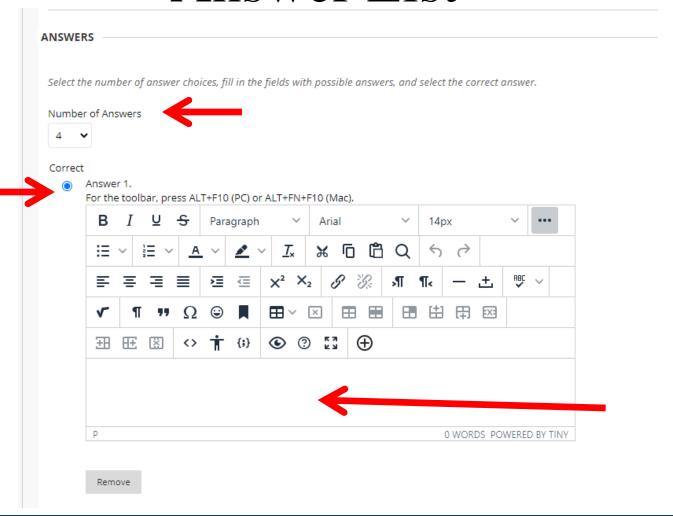
### Multiple Choice Question



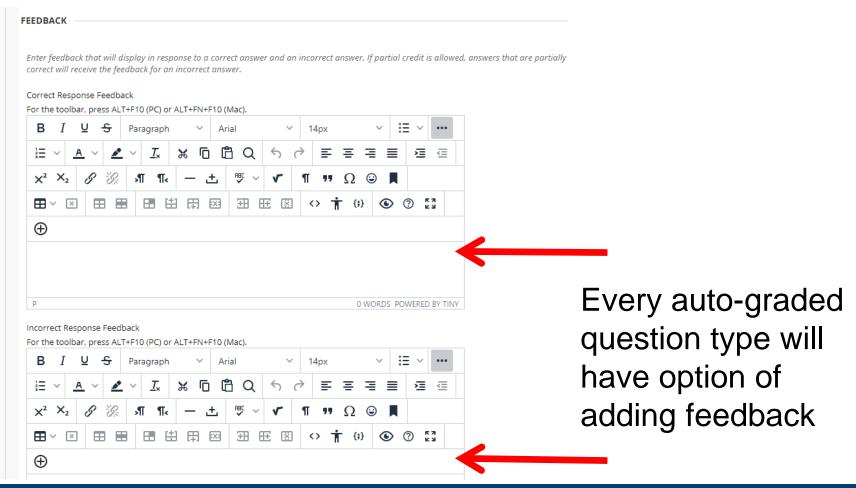
### Multiple Choice Options



#### **Answer List**



#### Feedback to Learner



### Example Multiple Choice

#### **QUESTION 2**

If 5x+32=4-2x, what is the value of x?

- 0 -4
- O -3
- 0 4
- $\circ$  7
- O 12

### Similar to Multiple Choice

- Multiple Answer
- True False
- Either Or

#### **QUESTION 1**

True or False: The earth is the fourth planet from the sun.

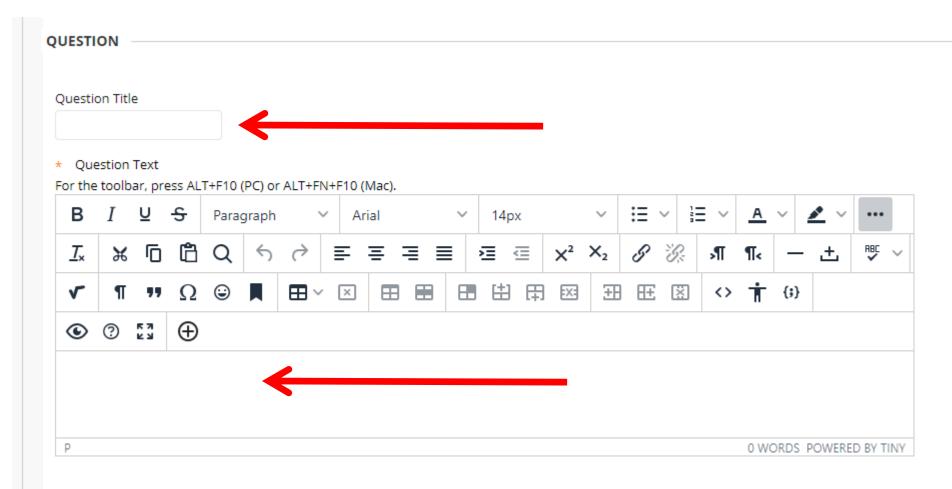
- True
- False

#### **QUESTION 4**

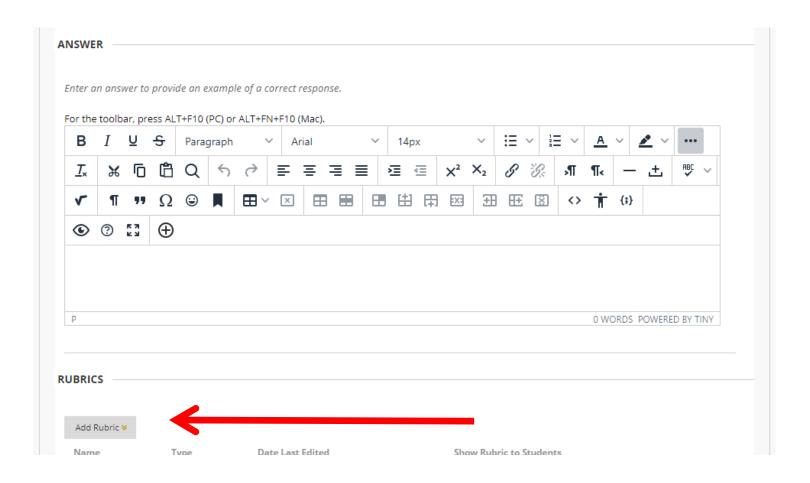
Which two of the following numbers have a product that is between –1 and 0? Indicate <u>both</u> of the numbers.

- -20
- -10
- 2-4
- 3-2

### Essay and Short Answer



### Sample Answer / Rubric



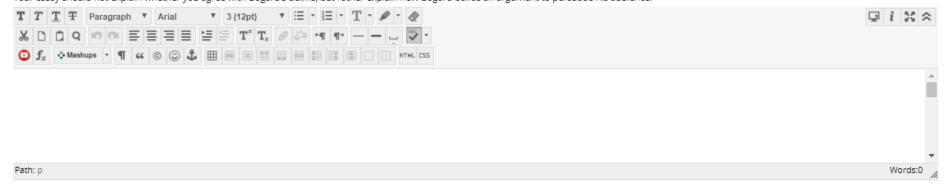
#### Example Essay

#### **QUESTION 5**

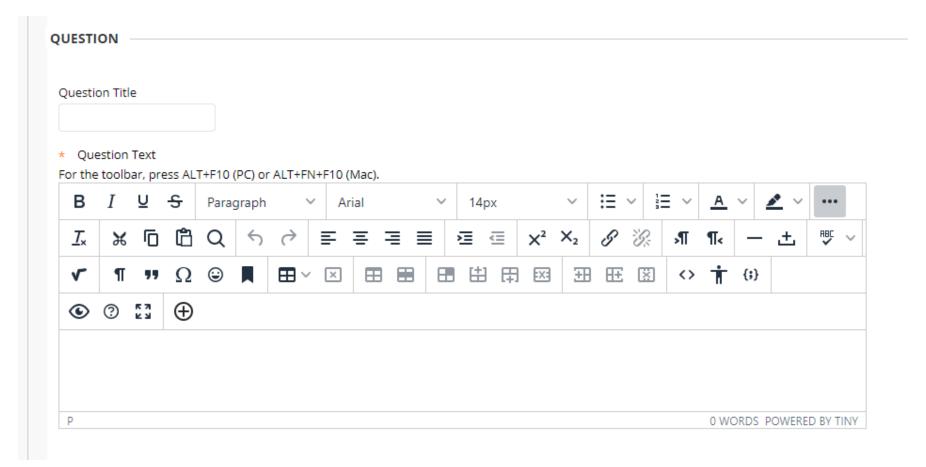
As you read the passage in this file SampleREading.pdf, consider how Paul Bogard uses

- · evidence, such as facts or examples, to support claims.
- reasoning to develop ideas and to connect claims and evidence.
- · stylistic or persuasive elements, such as word choice or appeals to emotion, to add power to the ideas expressed.

Write an essay in which you explain how Paul Bogard builds an argument to persuade his audience that natural darkness should be preserved. In your essay, analyze how Bogard uses one or more of the features in the directions that precede the passage (or features of your own choice) to strengthen the logic and persuasiveness of his argument. Be sure that your analysis focuses on the most relevant features of the passage. Your essay should not explain whether you agree with Bogard's claims, but rather explain how Bogard builds an argument to persuade his audience.



# File Response



### Example File Response

#### **OUESTION 6**

As you read the passage in this file SampleREading.pdf, consider how Paul Bogard uses

- · evidence, such as facts or examples, to support claims.
- · reasoning to develop ideas and to connect claims and evidence.
- · stylistic or persuasive elements, such as word choice or appeals to emotion, to add power to the ideas expressed.

Write an essay in which you explain how Paul Bogard builds an argument to persuade his audience that natural darkness should be preserved. In your essay, analyze how Bogard uses one or more of the features in the directions that precede the passage (or features of your own choice) to strengthen the logic and persuasiveness of his argument. Be sure that your analysis focuses on the most relevant features of the passage.

Your essay should not explain whether you agree with Bogard's claims, but rather explain how Bogard builds an argument to persuade his audience.

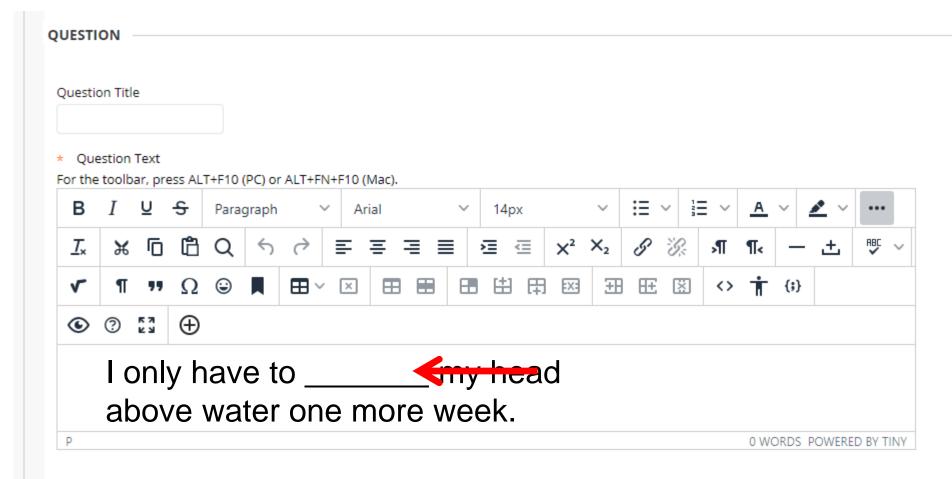
Submit your essay as a Word document.

Attach File

Browse My Computer

Browse Content Collection

#### Fill in the Blank



### Expected Answer

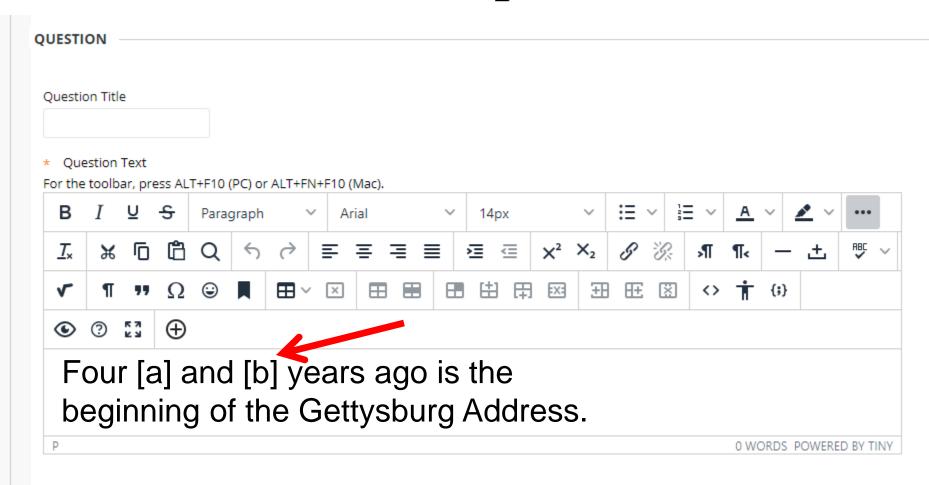


Auto-graded!

# Example Fill in the Blank

QUESTION 11	
I only have to	my head above water one more week.

### Fill in Multiple Blanks



# Expected Answers

NSWERS FOR: A	
Number of Answers 1 ▼	
★Answer 1 Exact Match ▼	☐ Case Sensitive
NSWERS FOR: B	
Number of Answers 1 ▼	
<b>☆</b> Answer 1 Exact Match ▼	☐ Case Sensitive

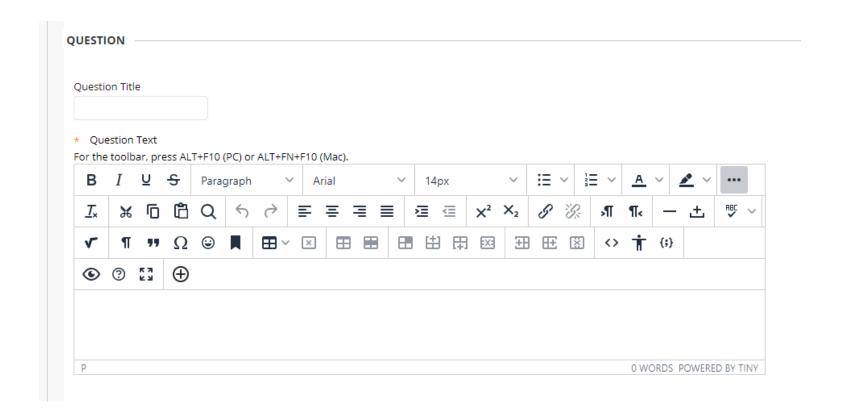
Auto-graded!

# Example Multiple Blanks

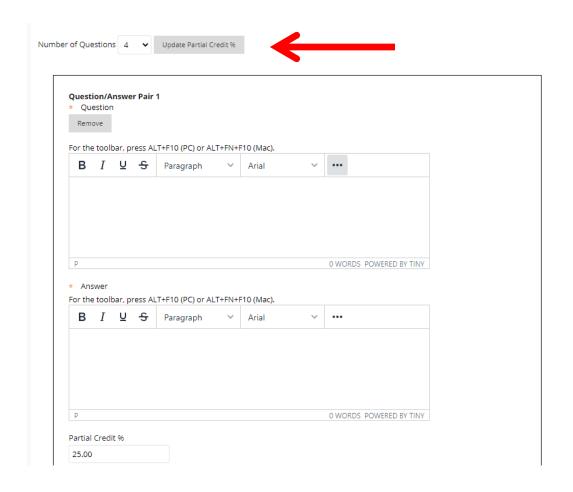
#### **QUESTION 12**

Four	an	nd	years ago is th	he b	peginning	g of th	ne Gett	ysburg	Address

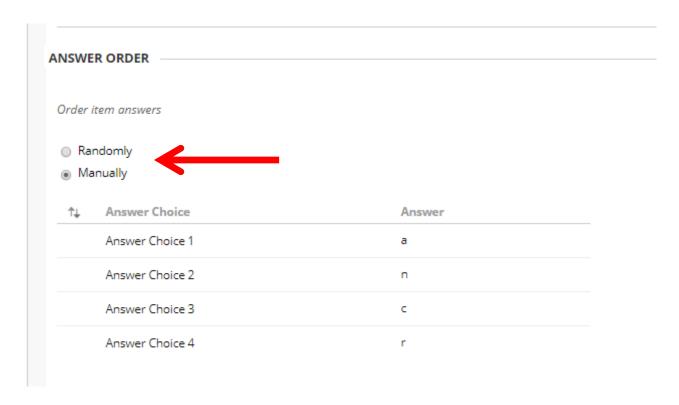
# Matching



#### **Provide Pairs**



# Ordering of Answers



Auto-graded!

# Example Matching

#### **QUESTION 10**

Match the state to its capital



- ▼ Idaho

- ▼ Nevada

- ▼ New York

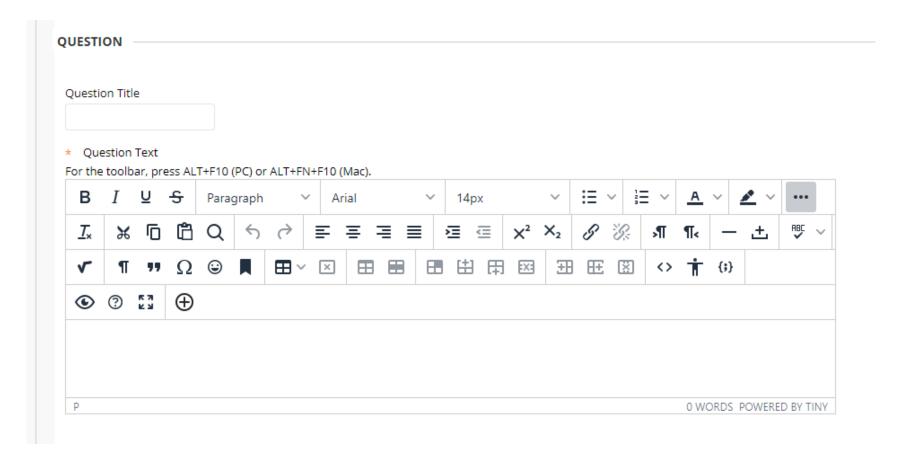
A. Sacramento

B. Albany

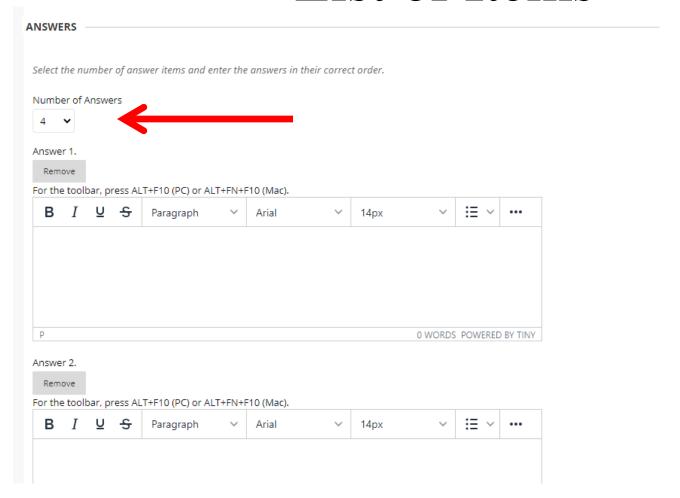
C. Carson City

D. Boise

# Ordering Questions



#### List of Items

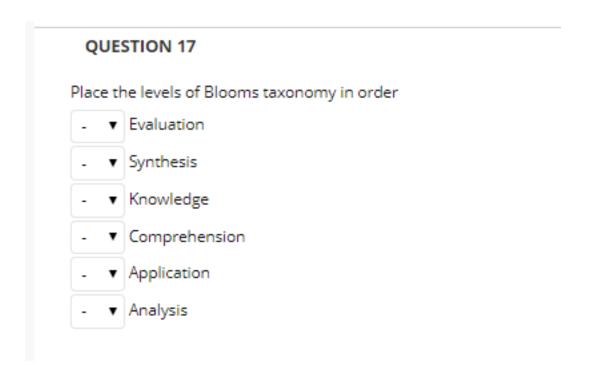


### Arrange Answer List

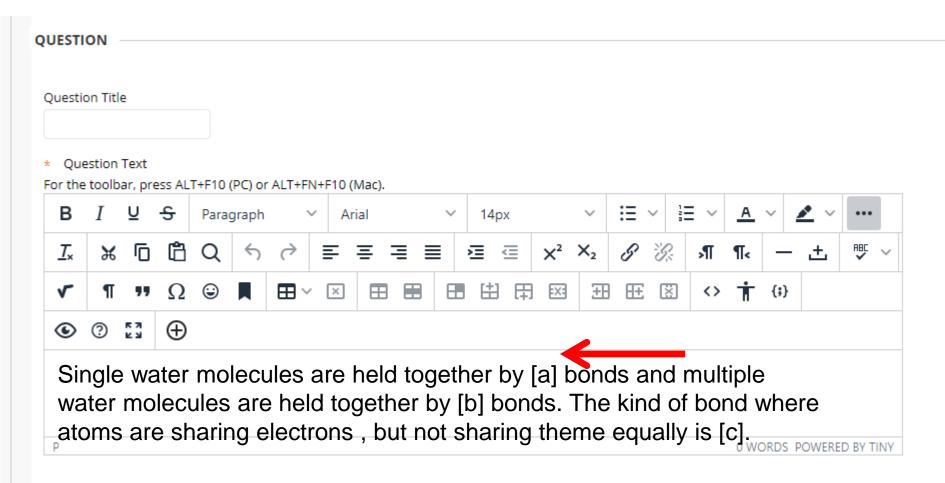
ANSWERS									
Set the display order for the answer items.									
Correct Order Position: 1	Display Order 🔠 Correct Position: 6								
Knowledge	Evaluation								
Position: 2	Correct Position: 5								
Comprehension	Synthesis								
Position: 3	Correct Position: 1								
Application	Knowledge								
Position: 4	Correct Position: 2								
Analysis	Comprehension								
Position: 5	Correct Position: 3								
Synthesis	Application								
Position: 6	Correct Position: 4								

Auto-graded!

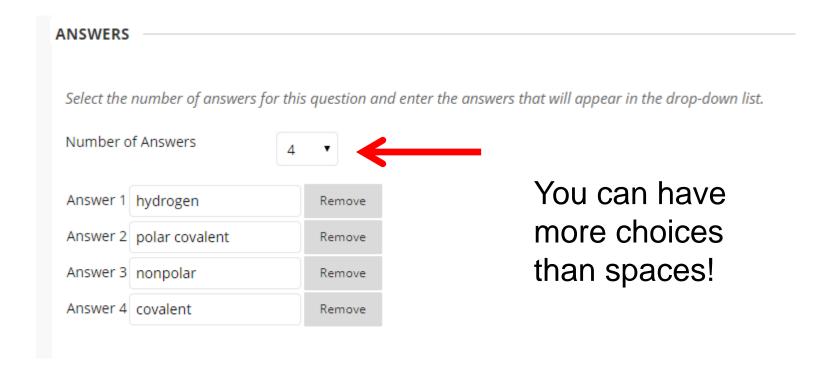
### **Example Ordering**



#### Jumbled Answer



#### Possible Choices



## Correct Answers

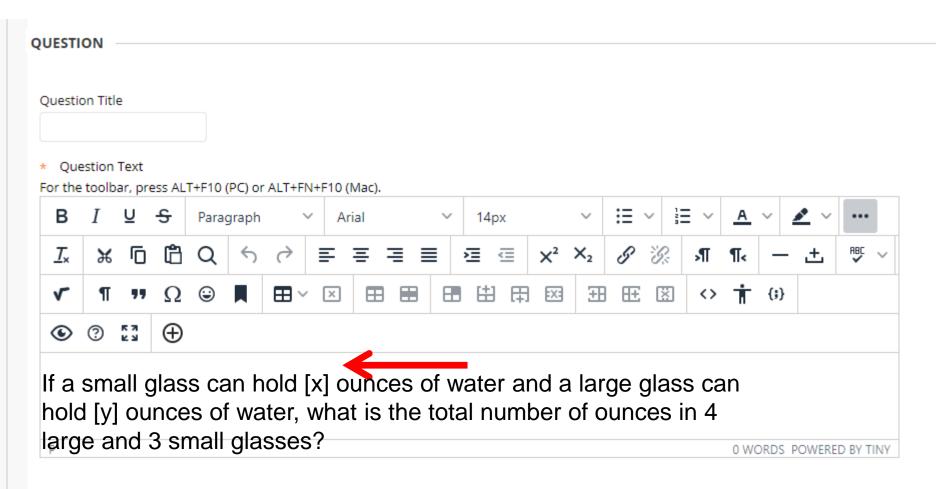
CORRECT ANSWERS				
Specify the correct answers by selecting them in each drop-down list. Provide feedback for correct and incorrect answers.				
Single water molecules are held together by polar covalent • bonds and multiple water				
molecules are held together by hydrogen • bonds. The kind of bond where atoms are				
sharing electrons, but are not sharing them equally is covalent .				

Auto-graded!

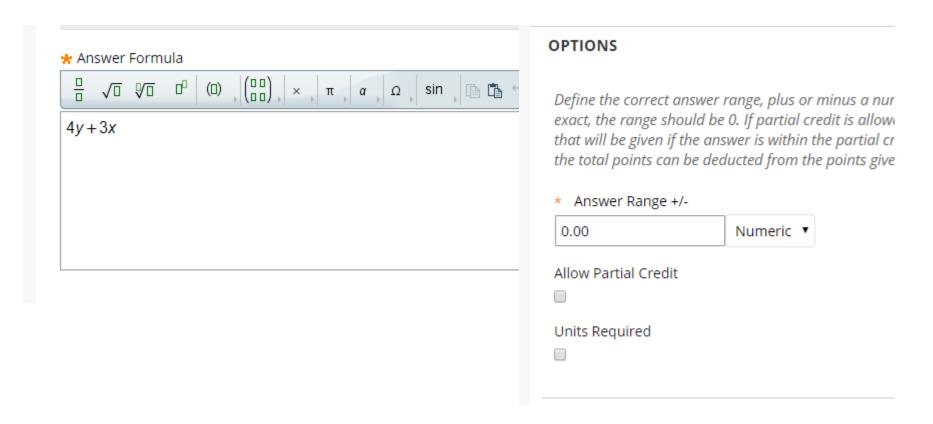
## Example Jumbled Sentence

Single water molecules are held	together by		•	bonds and multiple water
molecules are held together by		•	bonds. The	kind of bond where atoms are
sharing electrons, but are not sh	aring them ed	quall	y is	▼.

## Calculated Formula



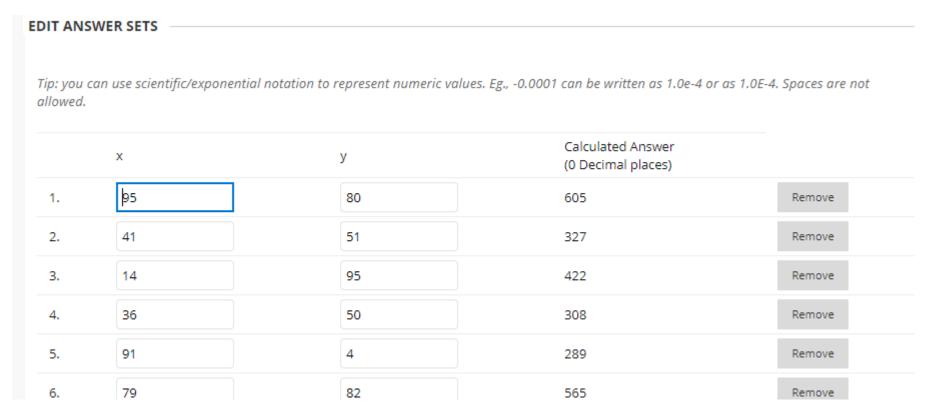
## Formula



## Variables

DEFINE	DEFINE VARIABLES			
Tip: you allowed		onential notation to represent numeric	values. Eg., -0.0001 can be written as 1.0e	2-4 or as 1.0E-4. Spaces are not
	Variable Name	Minimum Value	Maximum Value	Decimal Places
1.	х	0	100	0 •
2.	у	0	100	0 •
ANSWE	R SET OPTIONS —			
Calculat	te Answers to	0 ▼ Decimal ▼		
Numbe	r of Answer Sets	10		

## Answer Sets to Review



Auto-graded!

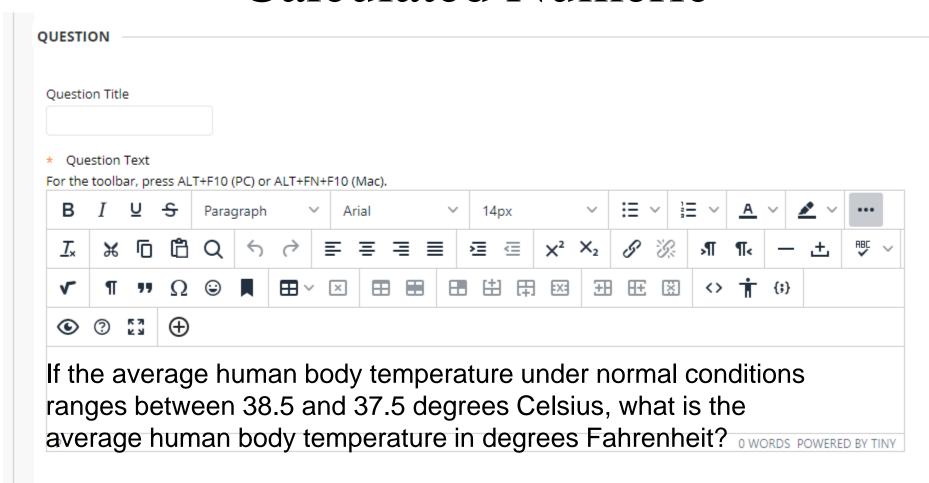
## Example Calculated

#### **QUESTION 18**

If a small glass can hold 70 ounces of water, and a large glass can hold 45 ounces of water, what is the total number of ounces in 4 large and 3 small glasses of water?



## Calculated Numeric



## Correct Answer



Auto-graded!

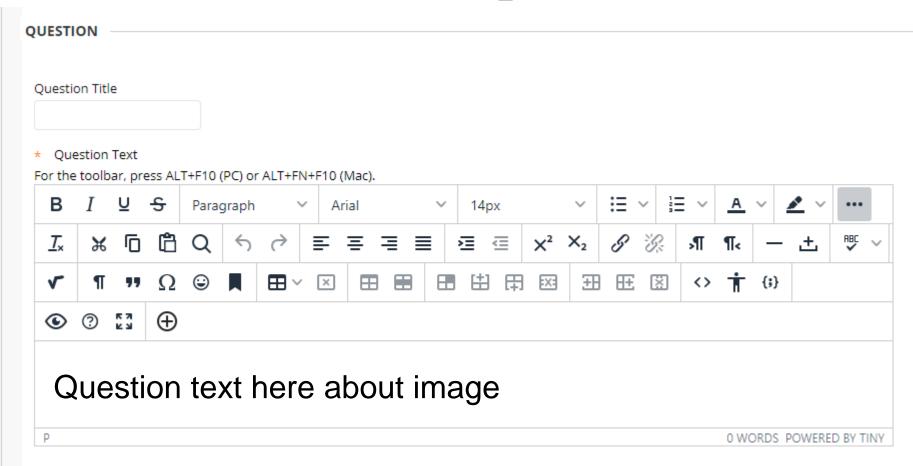
## Example Numeric

#### **QUESTION 19**

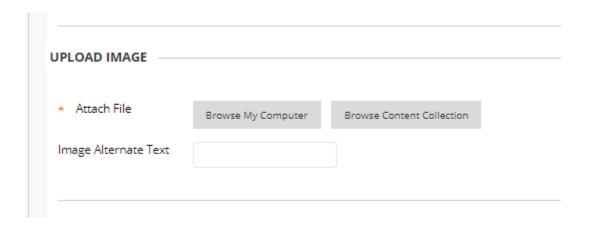
If the average human body temperature under normal conditions ranges between 36.5 and 37.5 degrees Celsius, what is the average human body temperature in degrees Fahrenheit?



## Hot Spot



## Upload Image



Make sure image is correct resolution so that it will appear in the test nicely!

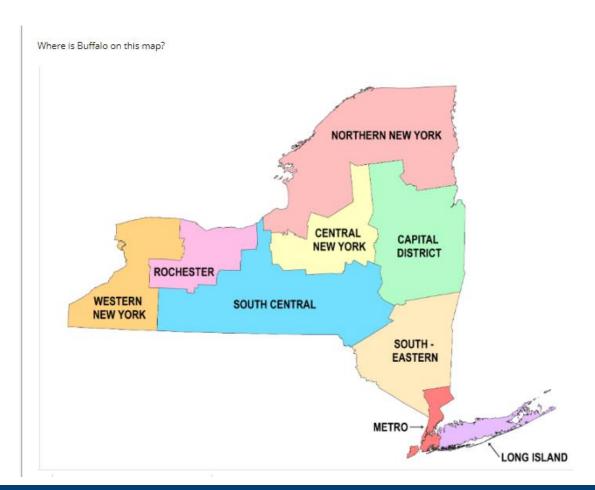
## Select Correct Area of Image

#### ANSWERS

Click and drag the mouse over an area in the image to specify the hot spot area for the correct answer. Start with the upper left corner of the rectangle and drag down to the lower right. Click **Clear** to remove the rectangle and start again.

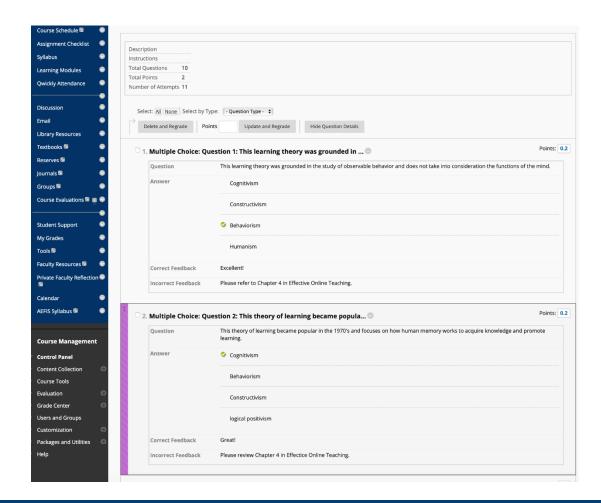
Drag mouse over image area that is correct!

## Example Hot Spot



## REVIEW THE TEST

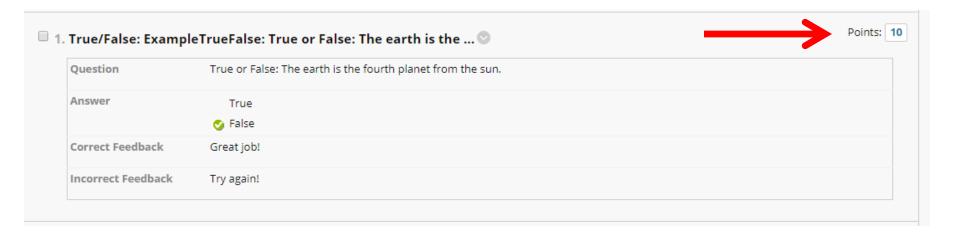
## Test Canvas



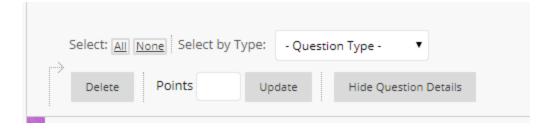
## **Test Information**

Description	This test shows you all of the different question types in Blackboard.
	Instructions go here!
Total Question	
Total Points	190

# Question Information Points



# Points Review Update Multiple Questions



## **DEPLOY THE TEST**

Create a new test or select an existing test to deploy.

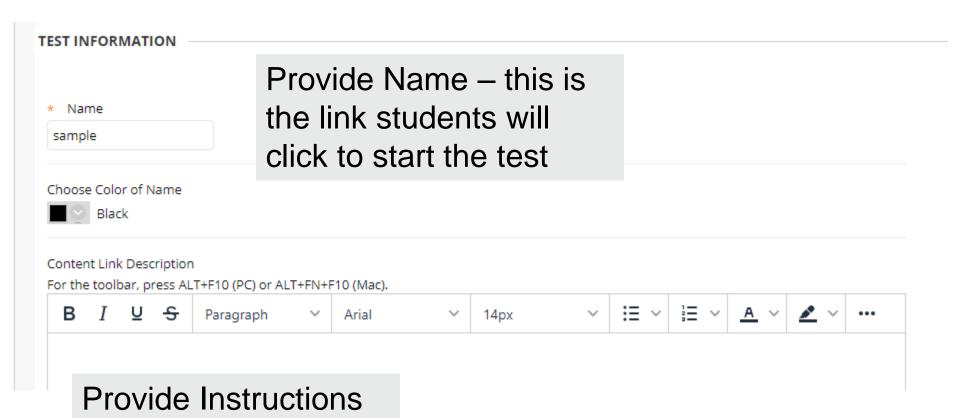
Create a New Test

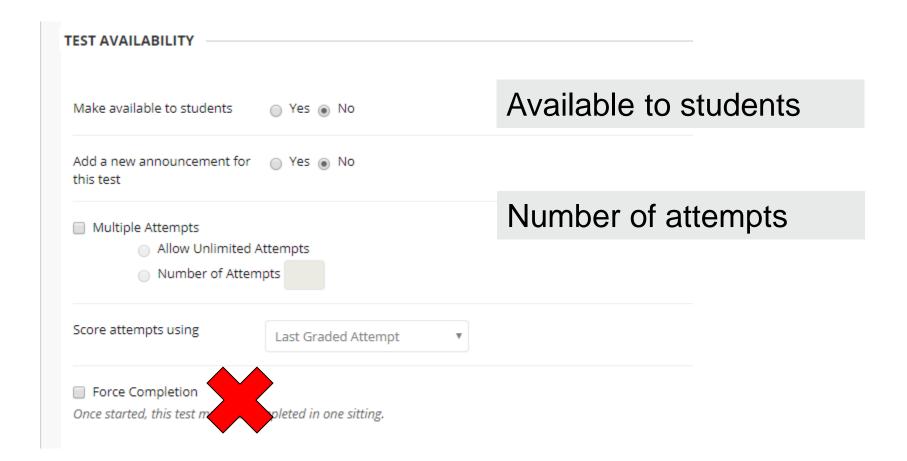
Create

Add an Existing Test

Add an Existing Test

-- Select Test Below -Quiz - Module 2
Quiz - Learning and Motivation Readings
Quiz - Learning and Motivation Readings #2
Group Lesson Choices
Quiz - Motivation Readings
sample





## Timer – starts when student begins test

Set Timer

Set expected completion time. Selecting this option also records completion time for this test. Students will see the timer option before they begin the test.

60 Minutes

Auto-Submit

OFF ON

**OFF:** The user is given the option to continue after time expires. **ON:** Test will save and submit automatically when time expires.

Automatically submit when timer ends?

Display After	03/11/2019	12:47 PM	(1)
Enter dates as mn	n/dd/yyyy. Time ma	y be entered in any incre	ement.

Display Until 03/11/2019 12:48 PM

Enter dates as mm/dd/yyyy. Time may be entered in any increment.

Display availability

Password

Require a password to access this test.

DUE DATE	
Set the date the assessment is due. Optionally, do not allow students to take	e a test once the due date has passed.
Submissions are accepted after this date, but are marked <b>Late</b> .	Due Date – submissions after due date will be
□ Due Date  Enter dates as mm/dd/yyyy. Time may be entered in any increment.	marked LATE
<ul> <li>Do not allow students to start the Test if the due date has passed.</li> <li>Students will be unable to start the Test if this option is selected.</li> </ul>	Late submissions
Can students start test late?	require instructor to arade

## Graded – counts in calculations

#### SELF-ASSESSMENT OPTIONS

If this test is a self-assessment, choose to include or hide the scores in the Grade Center. NOTE: If an instructor decides to include the test in the Grade Center after it was hidden, all prior attempts will be deleted.

#### Include this Test in Grade Center score calculations

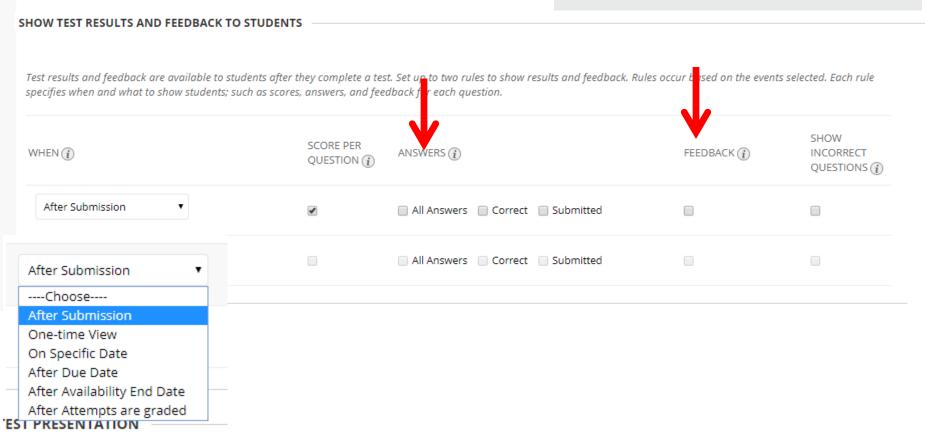
Grade Center items excluded from summary calculations are also excluded from weighting. Also note that if some weighted items are included in calculations and other weighted items are not, grade weight calculations will be skewed.

#### Hide results for this test completely from the instructor and the Grade Center

If this option is selected, the instructor will not be able to see any student grades, view answers, aggregate results, or download result details. To protect student privacy, this choice cannot be reversed later without deleting all attempts.

Ungraded - Score hidden from Instructor

## Feedback provided And when



## Test Presentation options

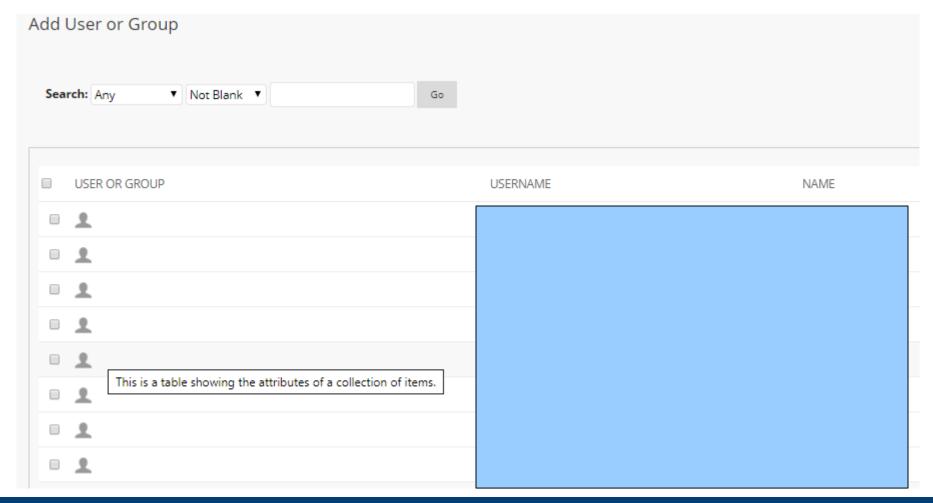
# All at Once Present the entire test on one screen. One at a Time Present one question at a time. Prohibit Backtracking Prevent changing the answer to a question that has already been submitted. Randomize Questions Randomize questions for each test attempt. All questions at once One at a time

## Exceptions

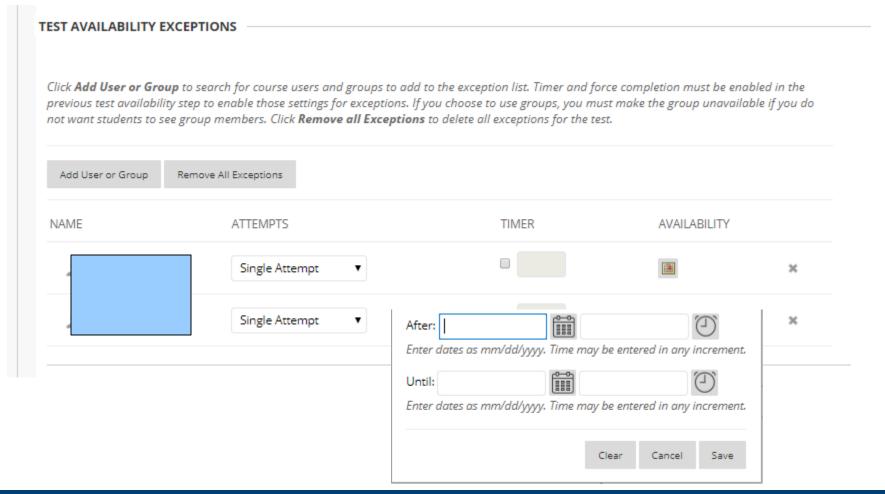
Exceptions for certain students
By Name or Group

TEST AVAILABILITY EXCEPTIONS	
. ,	o add to the exception list. Timer and force completion must be enabled in the previous test availability step to you must make the group unavailable if you do not want students to see group members. Click <b>Remove all</b>
Add User or Group	

## Choose Who Needs Exceptions



## What Exceptions



# COPY TESTS TO OTHER COURSES

## Export a Test/Pool

**Course Management Control Panel** Content Collection Course Tools Achievements Announcements Blogs Contacts Content Market Tools Course Calendar Date Management Discussion Board Glossary Journals Rubrics Send Email Tasks Tests, Surveys, and Pools

Tests, Surveys, and Pools

#### Tests

Tests are sets of questions that are graded to measure student performance. Once a test is created here, it must be deployed within a content folder before students can take the test. Test results are reviewed in the Grade Center. Note that some question types are not automatically graded.

#### Surveys

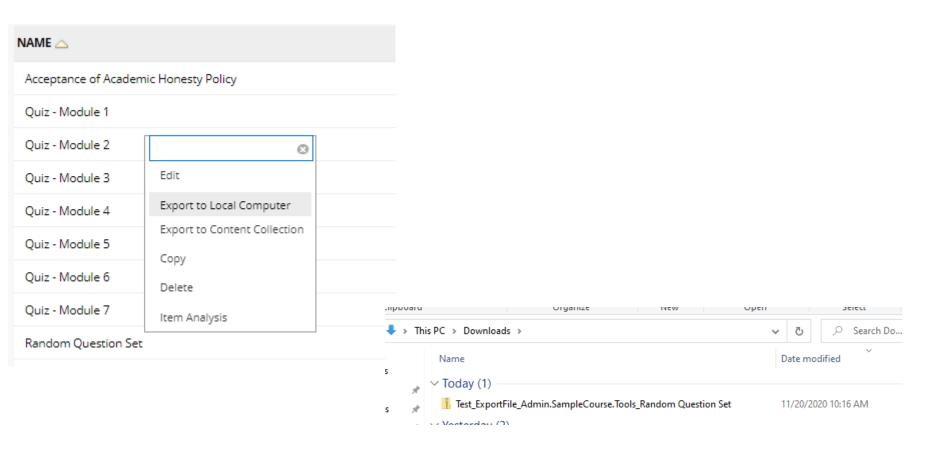
Surveys are not graded, and student responses are anonymous. They are useful for gathering data from students that is not used to evaluate student performance. Surveys must be deployed in a content folder for students to respond to the survey.

#### **Pools**

Pools are sets of questions that can be added to any Test or Survey. Pools are useful for storing questions and reusing them in more than one Test or Survey.

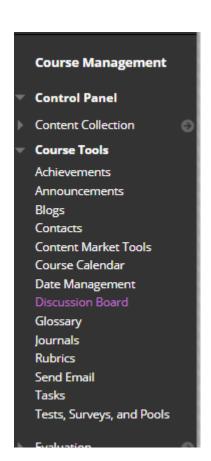
From the course where the test/pool resides

## Export to Local Computer



Creates a downloaded ZIP file

## Import a Test/Pool



Tests, Surveys, and Pools

#### Tests

Tests are sets of questions that are graded to measure student performance. Once a test is created here, it must be deployed within a content folder before students can take the test. Test results are reviewed in the Grade Center. Note that some question types are not automatically graded.

#### Surveys

Surveys are not graded, and student responses are anonymous. They are useful for gothering data from students that is not used to evaluate student performance. Surveys must be deployed in a content folder for students to respond to the survey.

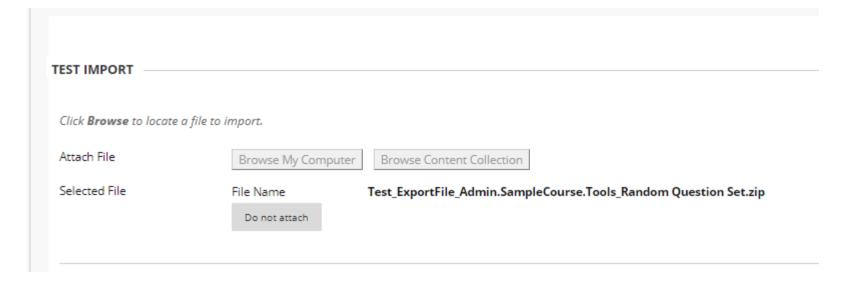
#### **Pools**

Pools are sets of questions that can be added to any Test or Survey. Pools are useful for storing questions and reusing them in more than one Test or Survey.

In the course where you want to copy the test

## Import the ZIP file

# Tests Tests are a means of assessing student performance. You have the option to build a test or import a test. More Help Build Test Import Test



## Alternate solutions

- Gradescope contact ASE IT
- Examsoft contact SON IT

## **Proctoring Solutions**

- Paid Services
- Do It Yourself
  - Zoom monitoring

## THANK YOU QUESTIONS?

## More Workshops

http://rochester.edu/online-learning/index.html

.

### Video Tutorials

 http://rochester.edu/onlinelearning/disruption/index.html