


## Creating Quizzes with ANGEL



 Practice Test #2 (For Learning)

1. The physical recording and processing aspect of accounting is:  
 A. A) bookkeeping.  
 B. B) accounting.  
 C. C) transaction analysis.  
 D. D) GAAP.
2. An example of an external user of accounting information is:  
 A. A) creditor.  
 B. B) owner.  
 C. C) manager.  
 D. D) partner.

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## Overview

Computerized assessments are effective tools to use to measure student learning outcomes. Quizzes can also be used as a teaching tool that provides the student with continuous practice coupled with immediate feedback. ANGEL offers online quizzes that are auto-graded and that can be automatically imported into the Gradebook.

This workshop will introduce you to quizzing features included in ANGEL 7.1

## Objectives

After completing this workshop you will be able to:

- Describe the various question types included in ANGEL
- Navigate to the Lessons tab and create a quiz
- Describe how to format a text file that includes quiz questions
- Import questions into ANGEL
- Insert a Section Heading in a quiz and randomize questions
- Describe the purpose of “keywords” in quiz creation
- Categorize a quiz in the ANGEL Gradebook
- Create a quiz from a pool of questions and/or keywords
- Copy questions from one quiz to another
- Develop a planning strategy when creating quizzes
- Describe methods to reduce cheating in computerized quizzes

## Preparation

You will need the following materials to complete this workshop:

- An ANGEL user account, and
- Download the following resources from the ANGEL Support Web Site (<http://angelsupport.missioncollege.org/training/>)
  - Angel\_quiz\_import.txt
  - ANGEL Quiz Student Guide

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## Creating a Quiz

A Quiz provides the opportunity to assess the progress your students. ANGEL provides you with several different question types. The following table provides a description of the types of questions available in ANGEL and their methods of grading.

Question Type	Grading Method	Description
Section Heading	Not graded	Supports the placement of text (e.g. directions, story problem text, etc.)
Multiple Choice	Automatically graded	Presents users with a question followed by a list of choices. Only one choice may be selected.
Drop-down List	Automatically graded	Presents users with a question followed by a drop-down list of choices. Only one choice may be selected.
Multiple Select	Automatically graded	Presents users with a question followed by a list of choices. Multiple selections are allowed.
True False	Automatically graded	Presents users with a statement that they must determine to be either true or false.
Matching	Automatically graded	Presents users with a definition and a drop-down list of terms from which they must choose a match.
Ordering	Automatically graded	Presents users with a list of items to be placed in the correct order.
Fill-in-the-blank	Automatically graded	Presents users with a question followed by a single-line answer box. Responses are automatically graded against a list of allowed answers.
Fill-in-multiple-blanks	Automatically graded	Presents users with a question followed by multiple single-line answer boxes. Responses are automatically graded against a list of allowed answers.
Short Answer	Manually graded (online)	Presents users with a question followed by a single-line answer box.
Essay	Manually graded (online)	Presents users with a question followed by a multiple-line answer area.
Off-line Item	Manually graded (online)	Presents users with a question to be completed offline (no answer field appears).
Pool Item	Varies based on question type	Selects one or more random items from the question pool based on a specific criteria.

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## How to Create a Quiz

### To add a quiz:

1. Log into your ANGEL course and click the **Lessons** tab.
2. Click the **Add Content** hyperlink.
3. Click the **Quiz** hyperlink.

The New Quiz editor will appear.

**New Quiz**

Settings:  Normal  Advanced

**Content** Access Delivery Submission Review Assignment

Page Settings

Title: Trivia Quiz

Subtitle:

Directions

In order to be competitive at Jeopardy you will need to master basic trivia questions. This quiz will assess your knowledge of basic trivia.

Note: Please save your answers on a regular basis, as well as check your answers before submitting the quiz for grading.

Check Spelling HTML Editor

Save Cancel

### On the Content tab:

1. Type a **Title** for your link.

*(Instructor Note: Have students name quiz "Trivia Quiz")*

2. Type a **Subtitle** for you link. The subtitle is used to provide additional information concerning the content item.
3. Type **Directions** for the quiz.

**Sample Directions: In order to be competitive at Jeopardy you will need to master basic trivia questions. This quiz will assess your knowledge of basic trivia.**

**Note: Please save your answers on a regular basis, as well as check your answers before submitting the quiz for grading.**

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**On the Access tab:**

1. Select **User Tracking**. This is an optional setting and is used to track when users view or access a content item.
2. If users are not allowed to view the content item, select the **Do not allow users to view this item** checkbox.
3. Select the **Viewable By** option. By default **Students** is selected.
4. Type a **Password**. This is an optional setting and is used to restrict access to a content item.
5. Select **Team Access**. This is an optional setting and is used to restrict access to a particular team.

The screenshot shows the 'New Quiz' interface with the 'Access' tab selected. The 'Settings' section has 'Normal' selected. The 'Access' tab contains the following options:

- Access Tracking:** A dropdown menu for 'User Tracking' is set to 'Students Only'.
- View Restrictions:**
  - A checkbox for 'Do not allow users to view this item' is unchecked.
  - A dropdown menu for 'Viewable By' is set to 'Students'.
  - A text input field for 'Password' is empty.
  - A dropdown menu for 'Team Access' is set to 'All Teams'.

At the bottom of the form are 'Save' and 'Cancel' buttons.

**On the Delivery tab:**

1. Select the **Take Quiz** delivery setting. This setting is enabled by default.
2. Select the **Display Mode**. The default setting is **All Questions**.
3. Optional Settings:
  - a. Select the scramble option for questions.
  - b. Select the scramble option for choices.
  - c. Select a **Time Limit** in minutes.
  - d. Select **Automatically submit when time limit expires**.

**New Quiz**  
Settings:  Normal  Advanced

Content | Access | **Delivery** | Submission | Review | Assignment

Delivery Settings  
Take Quiz: Enabled

Display Settings  
Display Mode: All Questions (dropdown menu open showing: All Questions, Single Question, Single Question - No Backtrack)  
 Scramble the order of questions  
 Scramble the order of choices on questions

Time Settings  
Time Limit: 0 mins  
 Automatically submit when time limit expires

Save Cancel

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**On the Submission tab:**

1. Select the **Max Attempts**. The default value is one (1) attempt.
2. Select the **Validation**. The default value is **Warn about incomplete items**.

**On the Review tab:**

1. Select the **User Review** option. The default value is **Full review**.
2. Select the **Full Review Options**. All options are selected by default. Clearing the checkboxes removes the item from review.

The screenshot shows the 'New Quiz' configuration window with the 'Review' tab selected. The 'Review Settings' section has 'User Review' set to 'Full review'. The 'Full Review Options' section has all nine checkboxes checked: Overall score, Question text, Answer key, User response, Feedback text, Grader remarks, Right or wrong, Points possible, and Points awarded. 'Save' and 'Cancel' buttons are at the bottom.

Review Settings		
User Review	Full review	

Full Review Options		
<input checked="" type="checkbox"/> Overall score	<input checked="" type="checkbox"/> User response	<input checked="" type="checkbox"/> Right or wrong
<input checked="" type="checkbox"/> Question text	<input checked="" type="checkbox"/> Feedback text	<input checked="" type="checkbox"/> Points possible
<input checked="" type="checkbox"/> Answer key	<input checked="" type="checkbox"/> Grader remarks	<input checked="" type="checkbox"/> Points awarded



**User Review** works in conjunction with the related Full Review Options to determine the level of review to which users have access. The User Review option applies to the submission of the quiz or survey, as well as to the review of previously submitted quiz or survey. Anonymous quizzes and surveys do not allow feedback regardless of this setting.

**Full Details** allows the user to review the full results of the quiz or survey upon submission, restricted only by the current Full Review Options. In addition, upon returning to a previously submitted quiz or survey, the user is presented with a hyperlinked list of the dates on which he/she has taken the quiz or survey. The user may click on the hyperlinked item to review the full results of the submission restricted only by the current Full Review Options.

**Summary Only** allows the user to review a summary of the quiz or survey upon submission, including the number of points awarded, the number of points missed, and an overall score. In addition, upon returning to a previously submitted quiz or survey, the user is presented with a list of the dates on which the user submitted a quiz or survey and the grade for each submission (if applicable).

**Disabled** prevents the display of feedback upon submission of a quiz or survey and also disables the display of information regarding previously submitted quizzes and surveys.

#### On the Assignment tab:

1. Select the **Task Type** for the Milestone Settings. This is an optional selection.
2. Select the **Assignment** in the Gradebook Settings. This is an optional selection.

**New Quiz**  
Settings:  Normal  Advanced

Content Access Delivery Submission Review **Assignment**

Milestone Settings

Task Type: Manually marked

Assign Date:  November 21, 2006

Due Date:  November 21, 2006

Gradebook Settings

Assignment: (New Assignment) Edit

Category: (Default) other

Points Possible: 100

Calculation Type: First submission

Display Format: Course Default

hide gradebook assignment from students

Save Cancel



The **Task Type** determines if this content item can be manually completed by the student or if ANGEL determines the completion based on viewing, grading, or submittal

Click the **Save** button when all desired items are complete.

### Trivia Quiz



[Add Question](#) [Rearrange](#) [Settings](#) [Reports](#) [Utilities](#) [Delete](#) [Print](#) [My Notes](#) | [Previous](#) [Next](#)

Available: Yes, Max Attempts: 1, Review: Summary, Anonymous: No

In order to be competitive at Jeopardy you will need to master basic trivia questions. This quiz will assess your knowledge of basic trivia. Note: Please save your answers on a regular basis, as well as check your answers before submitting the quiz for grading.

There are currently no questions. To add questions to this quiz, click the Add Question button above.

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## Common Quiz Question Settings

The quiz question editors have the following settings in common:

Field Name	Description	View
Type	The drop-down list provides an option to change the question type when in the question editor.	N
Text	Provides an area for the question text. How the text is formatted depends on the page format setting.	N
Points	Allows you to assign points to each response	N
Choices	Allows you to enter a list of choices or options to be provided when the question is presented. Use the provided control to add or edit choices. You can use the copy and paste controls to copy the list of choices and paste them into another question. This prevents you from having to retype the choices for each item in a matching section or for survey questions that are using a common scale.	N
General Feedback	Used to specify a comment that should be returned to the user when the user submits the test. The feedback appears following the question. This field can be used to increase the effectiveness of quizzes by providing additional information such as where the material is covered in the book.	N
Image URL	Used if you would like an image to appear before the question. To use, type the fully-qualified URL to the GIF or JPEG image in this field. You can use this setting to include an image that you want to reference in a question or a series of questions.	N
Feedback if Selected	Used to provide selective information to the user concerning the answer selected after submitting a quiz. This may be used when several answers could be correct but one answer is better than the rest. This provides an area to explain why one answer would be better than another.	A
Never Scramble	Provides the option to not scramble the question answers. This option overrides a quiz setting of "Scramble the order of choices on question" located on the Delivery tab.	A
Keywords	Provides an area where you can add keywords that pertain to a question. Setting keywords on a question allows it to be reused for additional quizzes based on a keyword selection.	A
Difficulty	Provides an option to assign a difficulty level to a question (very easy, easy, average, difficult and very difficult). This area is another tool that can be used when requesting a reusable question based on difficulty level.	A

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## Add a True False Question

### To add a true/false question:

1. Click the **Add Question** hyperlink (located on the quiz toolbar).



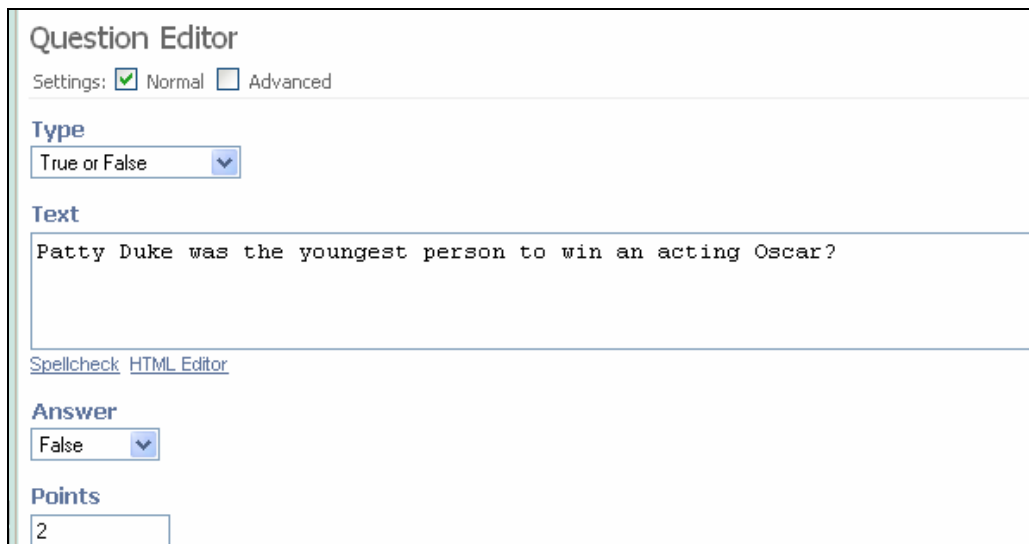
2. Click the **True False** hyperlink or icon (  ).

3. Type or paste the question text in the **Text** field.

**Sample:**

***Patty Duke was the youngest person to win an acting Oscar?***

- a. ***True***
- b. ***False***


A screenshot of the "Question Editor" interface. At the top, it says "Question Editor" and "Settings:  Normal  Advanced". Below this is a "Type" section with a dropdown menu set to "True or False". The "Text" section contains a text area with the question text: "Patty Duke was the youngest person to win an acting Oscar?". Below the text area are links for "Spellcheck" and "HTML Editor". The "Answer" section has a dropdown menu set to "False". The "Points" section has a text input field containing the number "2".

4. Select the correct answer from the **Answer** drop-down list.
5. Assign a point value in the **Points** field.
6. Click the **Save** button.

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## Add a Multiple Choice Question


To add a multiple choice question:

1. Click the **Add Question** hyperlink (located on the quiz toolbar).
2. Click the **Multiple Choice** hyperlink or icon (  ).

Sample:

*Who plays shortstop on Charlie Brown's baseball team?*

- a. Snoopy*
- b. Woodstock*
- c. Lucy*
- d. Peppermint Patty*
- e. Linus*



The screenshot shows the 'Question Editor' interface. At the top, there are 'Settings' for 'Normal' (checked) and 'Advanced'. Below that is a 'Type' dropdown menu set to 'Multiple Choice'. The 'Text' field contains the question: 'Who plays shortstop on Charlie Brown's baseball team?'. Below the text field are links for 'Spellcheck' and 'HTML Editor'. The 'Points' and 'Choices' section contains a table with five rows, each representing a choice. The first row is selected with a point value of 2, and the other four rows have a point value of 0. Each row has a choice name and a 'Save' icon.

Points	Choices
2	Snoopy
0	Woodstock
0	Lucy
0	Peppermint Patty
0	Linus


[Add More](#)

3. Type or paste the question text in the **Text** field.
4. Type the user choices in the **Choices** field.
5. Type a point value to the correct choice in the **Points** field.
6. Type or paste the general feedback in the **General Feedback** field.
7. Click the **Save** button.

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## Add a Fill-in-the-blank Question

To add a fill-in-the-blank question:

1. Click the **Add Question** hyperlink (located in the quiz toolbar).
2. Click the **Fill-in-the-blank** hyperlink or icon (  ).

**Sample:**

\_\_\_\_\_ *holds the record for the most field goals scored in an NBA career.*



The screenshot shows the 'Question Editor' interface. At the top, there are settings for 'Normal' (checked) and 'Advanced'. Below that, the 'Type' is set to 'Fill-in-the-blank'. The 'Text' field contains the question: '\_\_\_\_\_ holds the record for the most field goals scored in an NBA career.' Below the text field are links for 'Spellcheck' and 'HTML Editor'. The 'Points' and 'Allowed Answers' section contains a table with five rows. The first four rows have a point value of 2 and the answer 'Kareem Abdul-Jabbar' (with varying case and spacing). The fifth row has a point value of 0 and an empty answer field. Each row has up/down arrows and a 'check' icon.

Points	Allowed Answers
2	Kareem Abdul-Jabbar
2	kareem abdul-jabbar
2	Kareem Abdul Jabbar
2	kareem abdul jabbar
0	

3. Type or paste the question text in the **Text** field.
4. Type the allowed answers in the **Allowed Answers** field.
5. Type a point value in the **Points** field to the correct answer.
6. Click the **Save** button.

## Resulting Quiz

### Trivia Quiz

[Add Question](#) [Rearrange](#) [Settings](#) [Reports](#) [Utilities](#) [Delete](#) [Print](#) [My Notes](#) | [Previous](#) [Next](#)

Available: Yes, Max Attempts: 1, Review: Summary, Anonymous: No

In order to be competitive at Jeopardy you will need to master basic trivia questions. This quiz will assess your knowledge of basic trivia. Note: Please save your answers on a regular basis, as well as check your answers before submitting the quiz for grading.

[Preview](#) | [Begin Trivia Quiz](#)

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<a href="#">Edit</a>	<a href="#">?</a>	<b>[Q1] True False - 2 Points</b>
<a href="#">Delete</a>		Patty Duke was the youngest person to win an acting Oscar?
<a href="#">Edit</a>	<a href="#">?</a>	<b>[Q2] Multiple Choice - 2 Points</b>
<a href="#">Delete</a>		Who plays shortstop on Charlie Brown's baseball team?
<a href="#">Edit</a>	<a href="#">?</a>	<b>[Q3] Fill-in-the-blank - 2 Points</b>
<a href="#">Delete</a>		_____ holds the record for the most field goals scored in an NBA career.

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### Trivia Quiz

1. Patty Duke was the youngest person to win an acting Oscar?

**Answer:** False

2. Who plays shortstop on Charlie Brown's baseball team?

- A. Snoopy
- B. Woodstock
- C. Lucy
- D. Peppermint Patty
- E. Linus

**Answer:** A


3. \_\_\_\_\_ holds the record for the most field goals scored in an NBA career.

**Answer:** Kareem Abdul-Jabbar

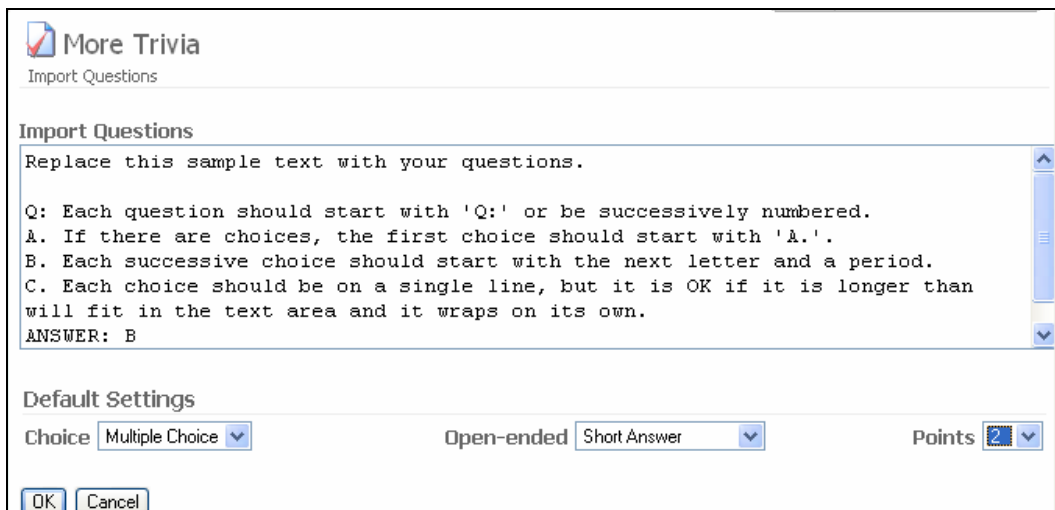
## Import Questions

ANGEL allows you to import test questions from a word processed document. The advantage to using this method is that you can create your questions more rapidly. It also provides you with a mechanism to import quizzes created from tools such as ExamView, or publisher ready exams.

**To import questions from a word processing document, perform the following steps:**

1. Click the **Add Question** hyperlink (located on the quiz toolbar).
2. Click the **Import Questions** hyperlink or icon (  ).

The Import Questions page appears.



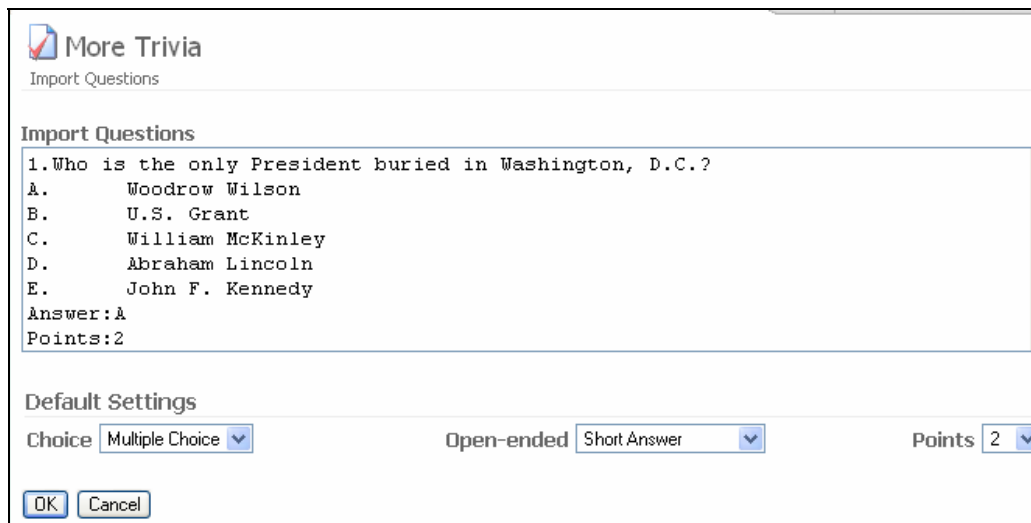
**More Trivia**  
Import Questions

**Import Questions**  
Replace this sample text with your questions.

Q: Each question should start with 'Q:' or be successively numbered.  
A. If there are choices, the first choice should start with 'A.'  
B. Each successive choice should start with the next letter and a period.  
C. Each choice should be on a single line, but it is OK if it is longer than will fit in the text area and it wraps on its own.  
ANSWER: B

**Default Settings**  
Choice  Open-ended  Points

3. Replace the sample text in the **Import Questions** text field with the question text copied from your source document.



**More Trivia**  
Import Questions

**Import Questions**  
1. Who is the only President buried in Washington, D.C.?  
A. Woodrow Wilson  
B. U.S. Grant  
C. William McKinley  
D. Abraham Lincoln  
E. John F. Kennedy  
Answer: A  
Points: 2

**Default Settings**  
Choice  Open-ended  Points

- Use the **Choice**, **Open-ended**, and **Points** drop-down lists to specify the default point value and question format for choice type questions and open-ended type questions.
- Click the **OK** button.

**More Trivia**

[Print](#) | [My Notes](#) | [Previous](#) | [Next](#)

[Add Question](#) | [Rearrange](#) | [Settings](#) | [Reports](#) | [Utilities](#) | [Delete](#)

Available: Yes, Max Attempts: 1, Review: Full, Anonymously: No

[Preview](#)
[Begin More Trivia](#)

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Edit
Delete

? **[Q1] Multiple Choice - 2 Points**  
 Who is the only President buried in Washington, D.C.?

Edit
Delete

? **[Q2] Multiple Choice - 2 Points**  
 What is the most intelligent non-human primate?

Edit
Delete

? **Heading - Display All Questions**  
 The chimpanzee is the most intelligent non-human primate

Edit
Delete

? **[Q3] Fill-in-the-blank - 2 Points**  
 \_\_\_\_ appears in print and TV advertising for Chanel No. 5?

Edit
Delete

? **[Q4] Multiple Choice - 2 Points**  
 To what note, played on the oboe, do orchestras tune up?

Edit
Delete

? **[Q5] Multiple Choice - 2 Points**  
 Who invented television?

Edit
Delete

? **[Q6] Fill-in-the-blank - 2 Points**  
 49er Jack Reynolds' was nicknamed \_\_\_\_\_.?

**The question text must conform to the following specifications:**

- Each question must begin on a new line.
- The first line of each question must start with 'Q:' or the question number followed by a period ('1.', '2.', '3.', etc.).
- If the question has choices the choices must immediately follow the question text.
- Each choice must be on a line by itself.
- Each choice must begin with a choice letter followed by a period ('A.', 'B.', 'C.', etc.).

The following optional settings can be added after the question and choices. Each setting must be on a line by itself and follow the format SettingName: SettingValue. See the image below for a formatting example.

Setting	Description
ANSWER:	For choice questions type the letter of each correct choice separated by commas. For open-ended questions type the actual answer text.
POINTS:	The integer point value for the question. For Multiple Select questions this is the value of each correct choice.
IMAGE:	The URL of an image to display before the question text.
FEEDBACK:	Text to display after the user submits the quiz.
TYPE:	Identifies the specific question format to use.
SH	Section Heading
MC	Multiple Choice
MS	Multiple Select
TF	True/False
SA	Short Answer
FB	Fill-in-the-blank
ES	Essay
OI	Offline Item

```

angel_quiz_import - Notepad
File Edit Format View Help
1.who is the only President buried in washington, D.C.?
A. Woodrow Wilson
B. U.S. Grant
C. William Mckinley
D. Abraham Lincoln
E. John F. Kennedy
Answer:A
Points:2
Type:MC
Feedback: woodrow wilson is the only President buried in washington, DC

2.what is the most intelligent non-human primate?
A. Gorilla
B. Baboon
C. Chimpanzee
D. Gibbon
E. Barbary Ape
Answer:C
Points:2
Type:MC
Feedback:
The chimpanzee is the most intelligent non-human primate

3. ____ appears in print and TV advertising for Chanel No. 5?
Answer:Nicole Kidman
Points:2
Type:FB

4. To what note, played on the oboe, do orchestras tune up?
A. A
B. B

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## Add a Section Heading

Section heading can be used to place any block of text or visual element on the quiz. Section headings are commonly used to place directions at the top of a quiz or for placing a story problem, scenario, image, and/or animation above or in between several related questions.

To add a section heading:

1. Click the **Add Question** hyperlink (located on the quiz toolbar).
2. Click the **Section Heading** hyperlink or icon (  ).
3. Type or past the section text in the **Text** field.
4. Click the **Save** button.

### Section Heading Editor

Settings:  Normal  Advanced

**Text**

These questions are even more challenging! Good luck!

[Spellcheck](#) [HTML Editor](#)

Never scramble

**Max Items**

3

### More Trivia

[Add Question](#) [Rearrange](#) [Settings](#) [Reports](#) [Utilities](#) [Delete](#) [Print](#) [My Notes](#) | [Previous](#) [Next](#)

Available: Yes, Max Attempts: 1, Review: Full, Anonymous: No

[Preview](#) | [Begin More Trivia](#)

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<a href="#">Edit</a>		<b>Heading - Select 3 Questions</b>
<a href="#">Delete</a>		These questions are even more challenging! Good luck!
<a href="#">Edit</a>		<b>[Q1-3] Multiple Choice - 2 Points</b>
<a href="#">Delete</a>		Who is the only President buried in Washington, D.C.?
<a href="#">Edit</a>		<b>[Q1-3] Multiple Choice - 2 Points</b>
<a href="#">Delete</a>		What is the most intelligent non-human primate?
<a href="#">Edit</a>		<b>[Q1-3] Fill-in-the-blank - 2 Points</b>
<a href="#">Delete</a>		___ appears in print and TV advertising for Chanel No. 5?
<a href="#">Edit</a>		<b>[Q1-3] Multiple Choice - 2 Points</b>
<a href="#">Delete</a>		To what note, played on the oboe, do orchestras tune up?
<a href="#">Edit</a>		<b>[Q1-3] Multiple Choice - 2 Points</b>
<a href="#">Delete</a>		Who invented television?
<a href="#">Edit</a>		<b>[Q1-3] Fill-in-the-blank - 2 Points</b>
<a href="#">Delete</a>		

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## Add a Pool Item

A pool item question is selected based on criteria that you provide. As you create questions in a quiz, you have the advanced option to add keyword(s) and/or difficulty to a question.

Using the keyword and/or difficulty criteria provides a search mechanism to access questions in your course or any learning object repository associated with your course to pull these questions into your quiz.

[Add More](#)

Never scramble

**General Feedback**

[Spellcheck](#) [HTML Editor](#)

**Image URL**

**Keywords**

[Add](#) [Remove](#)


**Difficulty**

**Advanced Options**

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### To add an item from a pool:

1. Click the **Add Question** hyperlink (located on the quiz toolbar).
2. Click the **Pool Item** hyperlink or icon ()
3. Select the number of question(s) from the **Select** drop-down list.
4. Click the **Add** hyperlink under the **Keywords to Match** text field to add a keyword.

 Normal  Advanced'. Under the 'Select' section, there is a dropdown menu showing '3' and the text 'question(s)'. Under the 'Keywords to Match' section, there is a text input field containing 'trivia2'. Below the input field are 'Add' and 'Remove' links. Under the 'Match' section, there is a dropdown menu showing 'Any Keywords'. At the bottom are 'Save' and 'Cancel' buttons." data-bbox="275 239 712 494"/>

**Pool Item Editor**

Settings:  Normal  Advanced

**Select**

3 question(s)

**Keywords to Match**

trivia2

[Add](#) [Remove](#)

**Match**

Any Keywords

5. Type the keyword in the prompt and click the **OK** button.
6. Continue adding keywords by following steps 4 and 5 until you have completed adding your keywords.
7. Select the match criteria from the **Match** drop-down list.



Selecting Any Keywords matches any of the keywords listed in your Keywords to Match. Selecting All Keywords searches and matches all the keywords listed in your Keywords to Match.

8. Click the **Save** button.

 Trivia 2

1. Who invented television?

- A. Enrico Fermi
- B. Thomas Edison
- C. Philo Farnsworth
- D. George Eastman
- E. Nicola Tesla

2. What is the most intelligent non-human primate?

- A. Gorilla
- B. Baboon
- C. Chimpanzee
- D. Gibbon
- E. Barbary Ape

3. \_\_\_\_ appears in print and TV advertising for Chanel No. 5?

 Trivia 2

1. What is the most intelligent non-human primate?

- A. Gorilla
- B. Baboon
- C. Chimpanzee
- D. Gibbon
- E. Barbary Ape

**Answer:** C

2. 49er Jack Reynolds' was nicknamed \_\_\_\_\_?

**Answer:** Hacksaw

3. \_\_\_\_ appears in print and TV advertising for Chanel No. 5?

**Answer:** Nicole Kidman

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#### Pool Item Advanced Settings

The advanced settings on the Pool Item editor provide additional settings which can aid in the selection of the pool questions. The advanced settings are:

<b>Field</b>	<b>Description</b>
Min Points	Allows you to select the minimum point value from your pool item. This criterion is used when searching through your quizzes for questions that meet the minimum point criterion.
Max Points	Allows you to select the maximum point value from your pool item. This criterion is used when searching through your quizzes for questions that meet the maximum point criterion.
Min Difficulty	Allows you to determine the minimum difficulty criterion for the questions selected. This criterion is used when searching through your quizzes for questions that meet the minimum difficulty criterion.
Max Difficulty	Allows you to determine the maximum difficulty criterion for the questions selected. This criterion is used when searching through your quizzes for questions that meet the maximum difficulty criterion.
Ignored Question Types	Allows you to specify which question types to ignore when selecting questions. By default, no checkboxes are selected so ANGEL searches through all question types. To ignore a specific question type, select the checkbox next to the type to ignore.
Use questions from this section only	Pulls questions only from the current section. If unchecked, the pool search pulls from this section as well as any Learning Object Repository associated with this section.

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## Appendix

### Copy Questions

ANGEL makes it very easy to copy quizzes or questions from existing quizzes.

To copy questions from an existing ANGEL quiz:

1. Click the **Add Question** hyperlink (located on the quiz toolbar).
2. From the **Copy Questions** drop-down list, select the quiz name from which to copy questions.
3. Click the **Copy Questions** hyperlink or icon (). The Copy Questions page appears with a listing of the questions available to be copied.
4. Select the **Copy all questions** checkbox if you wish to copy all the questions or select the checkbox next to the question(s) you wish to copy.
5. By default, the **Include Keywords** checkbox is selected. If the quiz questions being copied do not contain keywords, this checkbox can be cleared.
6. Click the **OK** button.
7. Questions added are indicated by Added in place of the checkbox. For additional questions on additional pages, click the **Next** hyperlink or the page number hyperlink.
8. Click the **OK** button when your selection is complete.

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## Planning Strategies

Test questions should be designed to evaluate your students' ability to think at any of the six different levels of abstraction as described by Benjamin Bloom. Bloom's Taxonomy provides a useful structure in which to categorize test questions when assessing student learning. The table below describes skills demonstrated for each level of thinking according to Bloom as well as question cues and types that can be used to elicit student responses within that level.

Competence	Skills Demonstrated
<b>Knowledge</b>	<ul style="list-style-type: none"><li>• observation and recall of information</li><li>• knowledge of dates, events, places</li><li>• knowledge of major ideas</li><li>• mastery of subject matter</li><li>• <b>Question Cues:</b> list, define, tell, describe, identify, show, label, collect, examine, tabulate, quote, name, who, when, where, etc.</li></ul>
<b>Comprehension</b>	<ul style="list-style-type: none"><li>• understanding information</li><li>• grasp meaning</li><li>• translate knowledge into new context</li><li>• interpret facts, compare, contrast</li><li>• order, group, infer causes</li><li>• predict consequences</li><li>• <b>Question Cues:</b> summarize, describe, interpret, contrast, predict, associate, distinguish, estimate, differentiate, discuss, extend</li></ul>
<b>Application</b>	<ul style="list-style-type: none"><li>• use information</li><li>• use methods, concepts, theories in new situations</li><li>• solve problems using required skills or knowledge</li><li>• <b>Questions Cues:</b> apply, demonstrate, calculate, complete, illustrate, show, solve, examine, modify, relate, change, classify, experiment, discover</li></ul>

<b>Analysis</b>	<ul style="list-style-type: none"> <li>• seeing patterns</li> <li>• organization of parts</li> <li>• recognition of hidden meanings</li> <li>• identification of components</li> <li>• <b>Question Cues:</b> analyze, separate, order, explain, connect, classify, arrange, divide, compare, select, explain, infer</li> </ul>
<b>Synthesis</b>	<ul style="list-style-type: none"> <li>• use old ideas to create new ones</li> <li>• generalize from given facts</li> <li>• relate knowledge from several areas</li> <li>• predict, draw conclusions</li> <li>• <b>Question Cues:</b> combine, integrate, modify, rearrange, substitute, plan, create, design, invent, compose, formulate, prepare, generalize, rewrite</li> </ul>
<b>Evaluation</b>	<ul style="list-style-type: none"> <li>• compare and discriminate between ideas</li> <li>• assess value of theories, presentations</li> <li>• make choices based on reasoned argument</li> <li>• verify value of evidence</li> <li>• recognize subjectivity</li> <li>• <b>Question Cues:</b> assess, decide, rank, grade, test, measure, recommend, convince, select, judge, explain, discriminate, support, conclude, compare, summarize</li> </ul>

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## Preventing Cheating

How do you prevent cheating on an assessment when you aren't able to observe your students as they take the test? There are a variety of possible approaches, ranging from traditional, face-to-face proctoring to interactive, automated, online tests.

Proctored exams, one of the most venerable techniques for controlling cheating, are still possible with online courses. Students can be required to take midterm and final examinations within a specified timeframe (a week, for example) at an on-campus testing facility where they are required to provide proof of identity. When, as often happens in online courses, the student lives outside of the instructor's home district, this can be more problematic, but arrangements can generally be made for alternative proctoring by a library or a testing center

ANGEL also allow an instructor to limit access to a test to a specific date, and even a specific block of hours on that date, as well as limit the time available for the actual completion of the test to a period short enough to make looking up the answers difficult. Generally, the user-tracking functions in ANGEL make it possible for an instructor to determine the time at which each question was answered by the student. This can be particularly informative when two or more students are found

to have given the same answer to the same question at the same moment!

Another technique which helps reduce the opportunities for cheating on online exams is the use of question banks or pools. When used in their simplest form, pools allow for randomizing the sequence of questions, making it difficult to memorize and share the sequence of answers with friends.

The effective use of these tools and techniques require a substantial commitment of time and energy on the instructor's part, and this may make it desirable, from the standpoint of course management, to limit the number of occasions on which they are used. You may, for example, wish to use randomized tests from pools for a majority of your examinations, and make only the final examination a proctored, on-campus test.

It is also advisable to structure multiple opportunities for assessing student learning into a course in addition to—or even in place of—examinations. Depending upon the subject matter of the course, small group projects, case studies, simulations, portfolios, rubrics, and group discussions can all be appropriate and effective tools for determining how well your students are learning.