

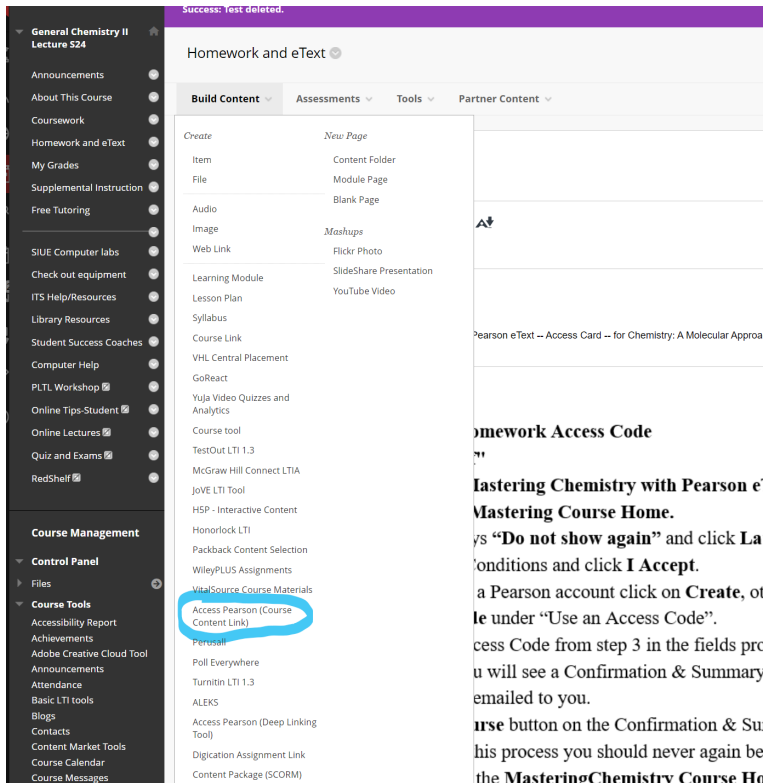
Learning Catalytics

What is Learning Catalytics

- Fully integrated classroom response system through Pearson.
- Students can use any device that has internet.
- Run through blackboard via web browser (such as chrome)
- Has the capability of integrated group work
- Has a sliding scale for participation vs correctness
- Uses a seat map to gauge student answers
- Has the capability of a wide range of question types (not just MC).
 - Numeric (mathematical expression)
 - Multiple answers (select all that apply)
 - Direction (draw the dipole)
 - Matching/ Ranking / Priority
 - Region (where is the transition state? Where is the gas phase?)

How do you Access it?

- Create a link for “Pearson Instructor”



Homework Access Code

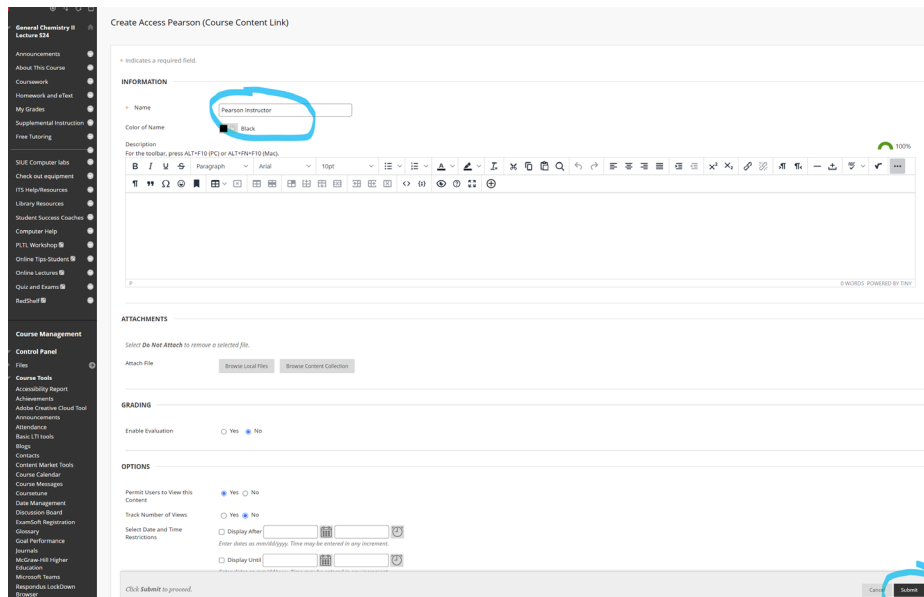
Mastering Chemistry with Pearson eText Mastering Course Home.

Click on **“Do not show again”** and click **Launch** conditions and click **I Accept**.

As a Pearson account click on **Create**, not the **Use an Access Code**”.

In the **Access Code** from step 3 in the fields provided you will see a Confirmation & Summary emailed to you.

After the **Success** button on the Confirmation & Summary page this process you should never again be required to do the **MasteringChemistry Course Home**



How do you Access it?



Open MyLab & Mastering

Home Grade Sync Help & Support



Instructor Tools

Mastering Gradebook

Mastering Item Library

Student IDs & Groups (Mastering Roster)

More...

Student Links

Welcome to MasteringChemistry

Mastering Assignments

More...



Grade Sync

Go to grade sync settings



Help & Support

Learn how to use MyLab & Mastering for Blackboard. Get your Pearson username or password, or access support and diagnostics.

Forgot your Pearson username or password?

Get help and support

General Chemistry II Spring 2024

Hi, Thomas Holovics - Sign Out Help

Mastering Chemistry
[Back to my courses](#)

- Manage Course
- Course Home**
- Assignments
- Scores
- Gradebook
- Pearson eText
- Study Area
- Course Tools
- Instructor Resources
- Instructor Tools

Course Home

Instructor Course Home

Learning Catalytics

Assignments

Recently Due

Due Next

Homework CH21 Part 3

Past Due Mon 04/22/24 11:59 PM

Avg Score 99.5% Students Completed 112 / 146

No upcoming assignments. You might want to Create an assignment or review your gradebook.

Create Now

All Assignments Calendar Create Assignment

Mastering Performance

Gradebook

Mastering Average Score

80.7%

for 36 assignments

Open scores for students

Student name

Gradebook Settings

Quick Links

- Assignment Scores
- Assignment Completion Times
- Learning Outcomes Performance
- Dynamic Study Modules Reporting
- Categories and Weighting
- Early Alerts
- eText Analytics Dashboard

Enrich Your Course

Dynamic Study Modules

Tools for student practice and remediation, for assignment or independent study.

In-class Learning

Assess students' understanding in real-time with Learning Catalytics.

How do you Access it?

Learning Catalytics™

Learning Catalytics is a "bring your own device" web-based student engagement system. Get into the minds of your students to understand what they do and don't know and adjust lectures accordingly.



Watch Video

1. Preview & Setup

Explore Learning Catalytics to determine how you will use it in your course.

- Browse the question library or write your own questions from scratch.
- Add questions to modules to use in your class.
- Preview the student experience.
- Arrange your classroom seatmap.

Preview and Setup

2. Use with Students

Notify students to purchase access and start using Learning Catalytics in your course. *

- Pose questions to students during class.
 - Form discussion groups based on student answers.
 - Review results in real time to identify student misconceptions.
- Notify students via email to purchase access.
[view/edit message](#)

Use with Students

* Requirements for Classroom Use

Find your Course

My Courses

Show 50 entries

Show

Active Courses

All Courses

Active Courses

Archived Courses

Search:

Course

General Chemistry II Spring 2019

1



General Chemistry II Spring 2020

0



General Chemistry II Summer 2022

0



General Chemistry I Lecture F23

1



General Chemistry II Spring 2024

49



Showing 5 of 5

Previous 1 Next



0



Design your Classroom

Classrooms

[Create classroom](#)

Show 5 entries

Search:

Name	Institution	Seats	
SIUE Dunham 1002	SIUE	487	
SLW 0165	SIUE	24	

Showing 2 of 2

[Previous](#) [1](#) [Next](#)

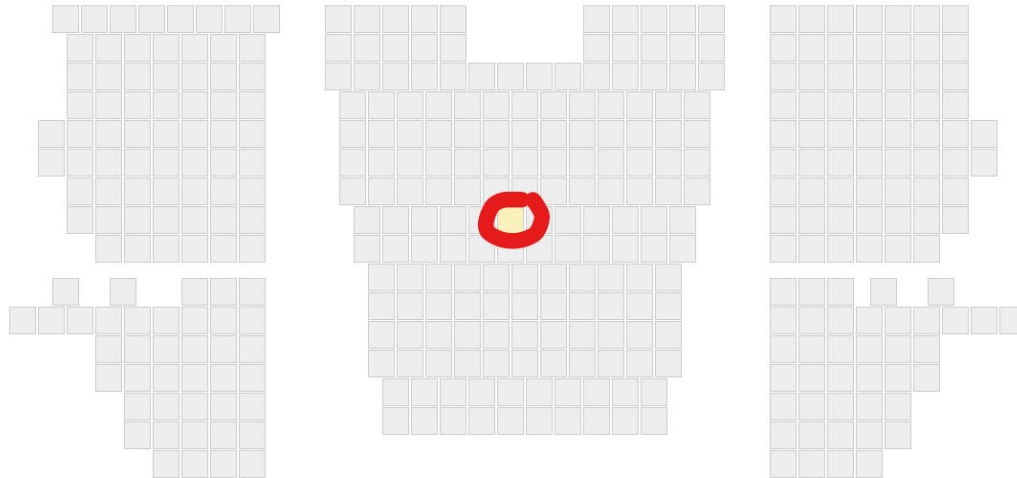
Design your Classroom

[Classrooms](#) > SIUE Dunham 1002

+ [Add seat](#) + [Add block of size](#) across x down ? [Instructions](#)

Seat number: J106

back of room



Create Your Module

[Courses](#)

[Questions](#)

[Classrooms](#)

[Training and Support](#)

[Help](#)

[Feedback](#)

[Student view](#)

[My Courses](#) > [General Chemistry I Lecture F23](#)



[Settings](#)

[Students](#)

[Teams](#)

[Gradebook](#)

[Create module](#)

[Copy module from...](#)

Show entries

Search:

Module	Type	Date	Results	
Nov 17th	Instructor-Led Synchronous	2023-11-17		

Showing 1 of 1

[Previous](#) [Next](#)

Create Your Module

[My Courses](#) > [General Chemistry I Lecture F23](#) > **Create Module**

Create Module

Give the new module a name, a delivery date, and select a response type.

Name*

The name of the module, as shown to students.

Date

The date is used for sorting modules within the table on the course page (enter as MM/DD/YYYY or click to select date).

Response type

Instructor-Led Synchronous

Students respond individually to questions as they are delivered one at a time, typically in class or online with an instructor present.

Automated Synchronous

Students respond individually to questions as they are delivered one at a time in an automated format, typically out of class at a set time when an instructor is not present.

Self-Paced

Students respond individually to questions in any order, typically outside of class.

Self-Test

Students respond individually to questions in any order and receive feedback on each of their responses, typically outside of class.

Team-Based Assessment

Students respond individually to all questions in the module, and then gather in their groups and respond as a team to the same questions.

Save and Continue

Create Your Module

[My Courses](#) > [General Chemistry I Lecture F23](#) > **Class Participation 1**

Add Questions and Customize Module

The module has been created. Now it's time to customize the module settings and add questions.

Settings

Name:

The name of the module, as shown to students.

Date

The date is used for sorting modules within the table on the course page (enter as MM/DD/YYYY or click to select date).

Response type

Instructor-Led Synchronous  [Change response type](#)

Students respond individually to questions as they are delivered one at a time, typically in class or online with an instructor present.

Hide sessions for this module from students

If checked, do not show active sessions for this module in the list of active sessions students see when they log on.

Participation weight

Final score = 55% Correctness + 45% Participation

Students receive credit only for correct responses

Responses in each round receive separate grades; for example, credit-bearing responses on two rounds of a three-point question would result in six points overall.

If the Participation Weight is changed, scores of students of the current round, past round/s and future round/s will get changed accordingly.

Do not allow students to review their performance on this module

If checked, do not show sessions for this module in the list of older sessions that students can review within Learning Catalytics.

Gradebook transfer

Send grade data to MasteringChemistry course (General Chemistry I Lecture F23)

Points transfer as

Make the above grade transfer settings the default for all new modules

Questions

Format	Question	Points
--------	----------	--------

[+ Create a new question](#)  [Add a question from the library](#)

 [Copy or move checked questions](#)


Save

Save & Go to Session

Use Pearson Questions

Questions

Format Question

+ [Create a new question](#)  [Add a question from the library](#)

Save Save & Go to Session

learning | catalytics™ Thomas Holovics | SIUE | Log out

Courses Questions Classrooms Training and Support Help Feedback Student view

[My Courses](#) > [General Chemistry I Lecture F23](#) > [Class Participation 1](#) > [Add question from library](#)

✖ [Clear all filters](#)

Only show: Pearson content

Discipline: General Chemistry

Book: ["Brown", "LeMay", "Bursten", "Murphy", ...]

Table of Contents:

- Chemistry: The Central Science
 - Chapter 1
 - Chapter 2
 - Chapter 3
 - Chapter 4

Format: Multiple choice

Added by:

Search By: Keywords and tags

Q Search question library

Show 5 entries


- multiple choice [+ Add to module](#)
According to the balanced equation below, when 4 mol of butane (C₄H₁₀...
- multiple choice [+ Add to module](#)
Which has more "atoms", a mole of ammonia (NH₃) or a mole of silver...
- multiple choice [+ Add to module](#)
For the reaction between hydrogen and oxygen depicted below, choose w...
- multiple choice [+ Add to module](#)
Analysis showed a compound to have empirical formula CH₂. Which the f...
- multiple choice [+ Add to module](#)
For this reaction, which circle correctly represents the products?

Showing questions 1-5 of 5 Previous 1 Next
([+ More General Chemistry questions](#))
[+ Add checked questions to module](#)

Use Pearson Questions

[My Courses](#) > [General Chemistry I Lecture F23](#) > [Class Participation 1](#) > **Question 96705**

[Search again](#) [+ Add to module](#)

 This question is provided by Pearson, © 2024 to accompany the book ["Brown", "LeMay", "Bursten", "Murphy", "Woodward", "Stoltzfus"], Chemistry: The Central Science, 13e.

Question

Which has more **atoms**, a mole of ammonia (NH_3) or a mole of silver (Ag)?

- A. a mole of ammonia has more atoms**
- B. a mole of silver has more atoms
- C. a mole of ammonia and a mole of silver have the same number of atoms

Answer

A

Notes

BLB3.4

Tags

[Avogadro's number](#) [mole](#) [Chapter 3](#)

Rating

[0 Likes](#) [0 Dislikes](#) [Contact the publisher](#)

Discussion

E-mail me when someone comments on this question.

Comment on this question:

[Add comment](#)

Historical Performance

11538 students, 62% correct

A. 61%

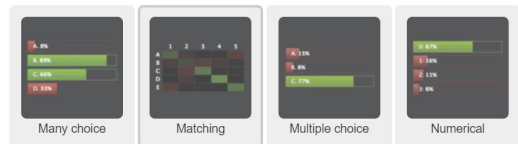
B. 11%

C. 27%

Create Your Own Questions

Create new question

Question Type



Discipline

General Chemistry

Prompt

Rich text editor toolbar with options: Bold (B), Italic (I), Underline (U), Strikethrough (S), subscript (x₂), superscript (x²), subscript (I_x), Size, Font color (A), Background color (A), Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Source, and Undo/Redo.

When including the greater than or less than symbols, leave a space between the symbols and the content to avoid your question content being rendered incorrectly. For example - " $x+2 > y+8 < x+10$ "

→ [Switch to simple editor](#)

Add Images

Click "Add Images" below to select an image to upload, then drag and drop the uploaded file into the Prompt or Answer/Explanation text boxes to insert them into the question.

Add Images

Sharing and Copyright

Check to make this question available to other instructors, with the following attribution message:

Tags

What content areas does this question touch on?

Answer / Explanation

Rich text editor toolbar with options: Bold (B), Italic (I), Underline (U), Strikethrough (S), subscript (x₂), superscript (x²), subscript (I_x), Size, Font color (A), Background color (A), Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Source, and Undo/Redo.

Save & Preview Save Cancel

Create new question

Question Type



Discipline

General Chemistry

Prompt

Rich text editor toolbar with options: Bold (B), Italic (I), Underline (U), Strikethrough (S), subscript (x₂), superscript (x²), subscript (I_x), Size, Font color (A), Background color (A), Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Source, and Undo/Redo.

How many atoms of Hydrogen atoms are there in 20 molecules of NH₃ ?

body p

When including the greater than or less than symbols, leave a space between the symbols and the content to avoid your question content being rendered incorrectly. For example - " $x+2 > y+8 < x+10$ "

→ [Switch to simple editor](#)

Add Images

Click "Add Images" below to select an image to upload, then drag and drop the uploaded file into the Prompt or Answer/Explanation text boxes to insert them into the question.

Add Images

Options

Respondents enter a numerical value, in decimal, fraction, or scientific notation. You may optionally set a tolerance to accept a range of responses as correct (e.g., the correct answer may be 4.23, but you may wish to accept any value between 4.2 and 4.3 as correct). [Sample results for a question in this format](#)

Correct response:

Or, consider an answer correct if it falls between and inclusive
If you want students to enter units as part of their response, enter units as part of the correct response and tolerance limits above. If you prefer that students enter just a number, do not enter units. [Learn more about units for numerical questions](#)

Sharing and Copyright

Check to make this question available to other instructors, with the following attribution message:

Tags

What content areas does this question touch on?

Answer / Explanation

Rich text editor toolbar with options: Bold (B), Italic (I), Underline (U), Strikethrough (S), subscript (x₂), superscript (x²), subscript (I_x), Size, Font color (A), Background color (A), Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Source, and Undo/Redo.

Save & Preview Save Cancel

Save your Module

[My Courses](#) > [General Chemistry I Lecture F23](#) > [Class Participation 1](#)

Add Questions and Customize Module

The module has been created. Now it's time to customize the module settings and add questions.

Settings

Name*

Class Participation 1


The name of the module, as shown to students.

Date

05/03/2024

The date is used for sorting modules within the table on the course page (enter as MM/DD/YYYY or click to select date).

Response type

Instructor-Led Synchronous  [Change response type](#)

Students respond individually to questions as they are delivered one at a time, typically in class or online with an instructor present.

Hide sessions for this module from students

If checked, do not show active sessions for this module in the list of active sessions students see when they log on.

Participation weight

Final score = 55% Correctness + 45% Participation

Students receive credit only for correct responses

Responses in each round receive separate grades; for example, credit-bearing responses on two rounds of a three-point question would result in six points overall.

If the Participation Weight is changed, scores of students of the current round, past round/s and future round/s will get changed accordingly.

Do not allow students to review their performance on this module

If checked, do not show sessions for this module in the list of older sessions that students can review within Learning Catalytics.






Gradebook transfer

Send grade data to MasteringChemistry course (General Chemistry I Lecture F23)

Points transfer as


Make the above grade transfer settings the default for all new modules

Questions

Format	Question	Points	
<input type="checkbox"/> 1. numerical	How many atoms of Hydrogen atoms are there in 20 molecules of NH ₃ ?	<input type="text" value="1"/>	
<input type="checkbox"/> 2. multiple choice	What is the formula for hydrogen phosphide?	<input type="text" value="1"/>	
<input type="checkbox"/> 3. multiple choice	In the experiment depicted, β-rays are deflected from the center more...	<input type="text" value="1"/>	
<input type="checkbox"/> 4. multiple choice	Which functional group does this molecule possess?	<input type="text" value="1"/>	
<input type="checkbox"/> 5. multiple choice	Ethylene—a feedstock in the production of plastics—has the followin...	<input type="text" value="1"/>	

[+ Create a new question](#)  [Add a question from the library](#)

 [Copy or move checked questions](#)

 Save

Module Settings

Create module Copy module from...

Module	Type	Date	Results	
Nov 17th	Instructor-Led Synchronous	2023-11-17	●●●●●	⚙️
Class Participation 1	Instructor-Led Synchronous	2024-05-03	○●○●○●	⚙️

Showing 2 of 2 Previous Next

General Information

Classroom [Edit](#) [Create new classroom](#)
The seating map for the classroom where the course will be taught.

Created at 2023-11-07

Settings

Allow review after hours
Allow students to review all of the questions and answers in your delivered modules after this much time has elapsed after you end the session.

Enable "I don't understand" button and real-time graph

If checked, students will have access to a button at all times where they can indicate when they are understanding or not.

Enable automatic pacing

If checked, Learning Catalytics will automatically manage the timing of question delivery, and automatically group students based on question results. (We recommend that new users keep this feature turned off initially.)

Default Grouping Settings

These settings apply to both Automated Synchronous modules and Instructor-Led Synchronous modules when automatic pacing is turned on.

Lower bound for grouping
e.g., 30 for 30%

Upper bound for grouping
e.g., 70 for 70%

Default group size
Students should be placed into groups of size...

Default group indicator
Group students based on their...

Default group comparison
Group students when the indicators (above) are...

Default group tolerance
Only group students that are sitting...

Save

Design Teams

[My Courses](#) > [General Chemistry I Lecture F23](#) > [Edit student teams](#)

Create Student Teams

Use this tool to create permanent teams for team-based assessment modules. Drag students from the left to a box on the right to form a team.

	Team 1	Team 2
Pearman, Kylie		
petitt, Erik	Yociss, Alyssa	
Phothisene, Joshua	Adkins, Hannah	
poormoghim, mehrad	Mosier, Carly	
Pryzma, Dino	Schuler, Eleanor	
Rathert, Madilynn		
Rensing, Mary		
Rock, Tyler		
Roete, Ethan		
Sabri, Nure		
Salas, Franzine Cole		
Scherer, Carlie		
Schnable, Jonathan		
Schweizer, Kaitlin		
sherman, india		
Shearly, Marissa		
Stacey, Lyla		
Stangle, viola		
Stotts, Emily		
Straub, Janel		
Strullmyer, Anne		
Sulton, Caleb		
Suvansri, Sydney		
Tabakovic, Admir		
Thompson, Shyanne		

[My Courses](#) > [General Chemistry I Lecture F23](#)

Settings Students **Teams** Gradebook

Create module Copy module from...

Show: 50 entries Search:

Module	Type	Date	Results	
Nov 17th	Instructor-Led Synchronous	2023-11-17	●●●●●	⚙
Class Participation 1	Instructor-Led Synchronous	2024-05-03	○●○●○	⚙

Showing 2 of 2 Previous 1 Next

Start Your Session

learning|catalytics™ Thomas Holovics | SIUE | Log out

Courses Questions Classrooms Training and Support Help Feedback Student view

My Courses > General Chemistry I | Lecture F23 > Class Participation 1

[▶ Start session](#) [Edit](#) [Review results](#) [Create PDF](#) [Delete module](#)

Jump to 1 2 3 4 5

1. numerical

How many atoms of Hydrogen atoms are there in 20 molecules of NH_3 ?

Answer

60

My Courses > General Chemistry I | Lecture F23 > Class Participation 1 Session ID: 27190462 | Active now: 0 | Total joined: 0

[■ Stop session](#) [Reactions](#) [Edit](#) [Open student window](#) [+ Ask a new question on the fly](#)

Jump to 1 2 3 4 5

1. numerical [🗨 Deliver](#)

How many atoms of Hydrogen atoms are there in 20 molecules of NH_3 ?

Answer

60

My Courses > General Chemistry I | Lecture F23 > Class Participation 1 Session ID: 27190462 | Active now: 0 | Total joined: 0

[■ Stop session](#) [Reactions](#) [Edit](#) [Open student window](#) [+ Ask a new question on the fly](#)

Jump to 1 2 3 4 5

1. numerical [✕ Stop delivery](#) [⏸ Pause delivery](#) [🔄 Deliver again](#) [👤 Assign groups](#) [📄 Show all results](#)

How many atoms of Hydrogen atoms are there in 20 molecules of NH_3 ?

Answer

60

Round 1 [✕](#) [📄](#) [📍](#)

0 responses, 0% correct

Student View

learning | catalytics™

Thomas Holovics | SIUE | Log out

Courses Questions Classrooms Training and Support Help Feedback Student view

My Courses > General Chemistry I Lecture F23 > Class Participation 1 Session ID: 27190462 | Active now: 0 | Total joined: 0

Stop session Reactions Edit Open student window Ask a new question on the fly

Jump to 1 2 3 4 5

1. numerical Stop delivery Pause delivery Deliver again Assign groups Show all results

How many atoms of Hydrogen atoms are there in 20 molecules of NH_3 ?

Answer

60

Round 1 0 responses, 0% correct

Learning Catalytics - student window - Google Chrome

learningcatalytics.com/rounds/7357213/deliver

Class Participation 1 (27190462) 1:37

How many atoms of Hydrogen atoms are there in 20 molecules of NH_3 ?

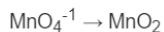
Classroom Map and Results



Jump to 1 2

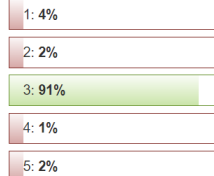
4. numerical

How many electrons are transferred in this half reaction?



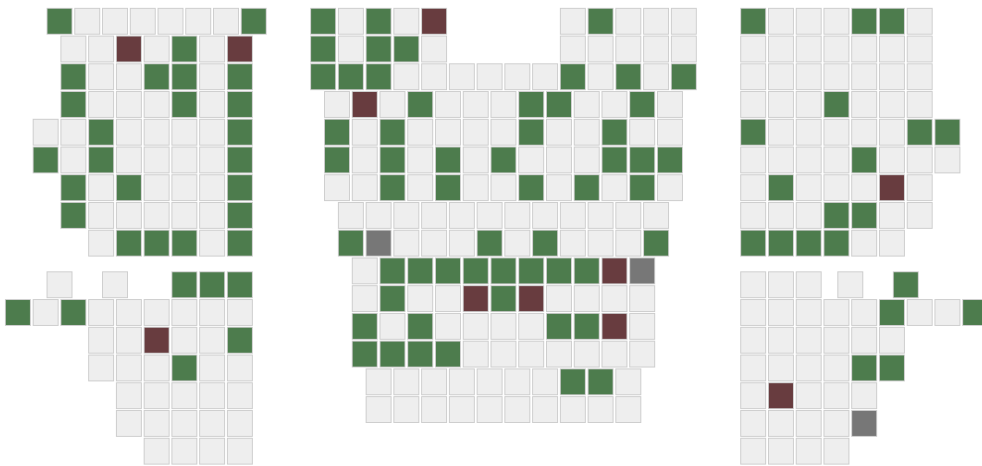
Round 1

123 responses, 91% correct



Student	Round 1	Actions
Adkins, Hannah	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Allen, Jordan	1 (0.50 points)	Revert to previous attempt Mark correct (1 point) Comment
Asselmeier, Jordan	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Baldwin, Isabel	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Beltran, Jasmin	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Bergman, Lou	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Botella Vian, Lucia	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Bower, Jacasta	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Boyer, Kathryn	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Bradley, Francis	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Brown, Austin	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Brown, Eli	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Bukovac, Emma	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Burch, Grant	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Casarez, Karizma	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Cisler, Joseph	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Climaco, Angel	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Cline, Regan	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Colbert, Jacob	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Crawford, Lauren	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Crippes, Brady	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Cruz, Kel	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Diller, Tabitha	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Do, Thao-Vi	5 (0.50 points)	Revert to previous attempt Mark correct (1 point) Comment
Dugger, Isabella	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
duncan, jada	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Dunn, Ian	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Dwyer, Hannah	3 (1.00 points)	Revert to previous attempt Mark incorrect (0.5 points) Comment
Eastab, Dakotah	2 (0.50 points)	Revert to previous attempt Mark correct (1 point) Comment

Seat map



Results to BB



Open MyLab & Mastering

Home

Grade Sync

Help & Support

Settings

Sync available grades from Pearson to Blackboard for items you select.

Automatic Grade Sync: On Off

Items to Sync | Recent Manual Syncs

Sync Grades Now

All

Sort: A-Z ▾

Chapter 14 Solutions Dynamic Study Module

Chapter 15 Chemical Kinetics Dynamic Study Module

Chapter 16 Chemical Equilibrium Dynamic Study Module

Chapter 17 Acids and Bases Dynamic Study Module

Chapter 18 Aqueous Ionic Equilibrium Dynamic Study Module

Chapter 19 Free Energy and Thermodynamics Dynamic Study Module

Chapter 20 Electrochemistry Dynamic Study Module

Chapter 21 Radioactivity and Nuclear Chemistry Dynamic Study Module

Class Participation 1 (93954835) Auto sync enabled...

Class Participation 10 (27555879) Auto sync enabled...

Class Participation 11 (26302254) Auto sync enabled...

Class Participation 12 (55323288) Auto sync enabled...