



# GeoGebra Graphing Exercises

GeoGebra Graphing Exercises are gradable graphing exercises that help students demonstrate their understanding. Assignable alongside our MyLab Math homework exercises, they enable students to interact directly with graphs in a manner that reflects how students graph on paper.

These new exercises are designed to:

- Assess conceptual understanding
- Expand our graphing capabilities
- Offer more variety of MyLab exercises

All graphing exercises have been peer-reviewed by our Graphing Advisory Board made up of college professors that regularly teach Precalculus and Calculus using online homework.

Graph the circle

$$x^2 + (y - 1)^2 = 16$$

That's incorrect. Here's why:  
The center of your circle is correct.  
The radius of your circle is incorrect.

No graphing palette needed. Students interact directly with the graph.

"Help" icon for help with the player or connect to tech support.

Students receive three tries to reach correct answer, mimicking MLM experience.

Feedback is given to student after they "check answer".

Check Answer (2) Save & Submit

## How to assign GeoGebra Graphing Exercises

To begin using these exercises, open the Assignment Manager and filter to the chapter/section/objective that you are creating an assignment for.

- GeoGebra exercises will be correlated to your textbook's learning objectives.
- Look for the label *GeoGebra* under Available Questions (shown in the image). Note: *they will be grouped at the bottom of the exercise list.*
- Students' work in the GeoGebra exercise will be scored and be part of the total assignment grade just like all our exercises.

Assignments Manage View

Book: Lia: College Algebra, 13e Change...

Chapter: 4. Inverse, Exponential, and Logarithmic Functions

Section: All Sections

Objective: All Objectives

Availability: All questions

Show publisher questions

Show GeoGebra questions

Show additional test bank questions

Show custom questions (+) for this book

Show other custom questions Refine Selection ...

(+) Create my own questions

Questions Media

Available Questions (436)

Question ID	Media
Log Logistic Fun...	
Ifig Logistic Fun...	
Ifig Logistic Fun...	
GeoGebra: Hori...	G
GeoGebra: Map...	G
<input checked="" type="checkbox"/> GeoGebra: Map...	G
GeoGebra: Co...	G

Add Remove

My Selections (3)

#	Question ID / Media	Section / Book Association	Estimated time:	Points:
1	GeoGebra: Horizontal Line Test	4.1: Inverse Functions	05+	1
2	GeoGebra: Graphing Exponential Functions	4.2: Exponential Functions		1
3	GeoGebra: Write an Exponential Function Given Two Poin...	4.2: Exponential Functions		1

# GeoGebra Graphing Exercises

## Available for the Following Titles

More titles will continue to be added. Here are the titles you will find these exercises in now.

[Precalculus Titles](#)

[Calculus Titles](#)

### Precalculus Titles:

<b>Author:</b>	<b>Title:</b>
Bittinger, Beecher, Ellenbogen, Penna	<i>College Algebra: Graphs &amp; Models 6e Digital Update; Algebra &amp; Trigonometry: Graphs &amp; Models 6e Digital Update, Precalculus: Graphs &amp; Models 6e Digital Update</i>
Blitzer	<i>College Algebra 8e; College Algebra Essentials 6e; Algebra &amp; Trigonometry 7e; Trigonometry 3e; Precalculus 7e; Precalculus Essentials 6e</i>
Beecher, Penna, Johnson & Bittinger	<i>College Algebra with Intermediate Algebra: A Blended Approach 1e Digital Update</i>
Beecher, Penna & Bittinger	<i>College Algebra 5e Digital Update; Algebra &amp; Trigonometry 5e Digital Update; Precalculus 5e Digital Update</i>
Dugopolski	<i>Trigonometry 5e</i>
Harshbarger, Yocco	<i>College Algebra in Context with Applications for the Managerial, Life, and Social Sciences 6e</i>
Hornsby	<i>College Algebra 7e; Algebra &amp; Trigonometry 7e; Precalculus 7e</i>
Lial, Hornsby, McGinnis, Schneider & Daniels	<i>Beginning &amp; Intermediate Algebra and College Algebra: A Corequisite Solution 1e</i>
Lial, Hornsby, Schneider & Daniels	<i>College Algebra, 13e; Trigonometry, 12e; Precalculus 7e; College Algebra &amp; Trigonometry 7e</i>
Ratti, McWaters, Skrzypek	<i>College Algebra 4e; College Algebra &amp; Trigonometry 4e (**Precalculus (Unit Circle and Right Triangle versions) will be added spring 2022)</i>
Rockswold	<i>College Algebra 6e; Precalculus 6e; Algebra &amp; Trigonometry 6e</i>
Sullivan	<i>College Algebra 11e; Algebra &amp; Trigonometry 11e; Precalculus 11e; Trigonometry 11e</i>
Sullivan, Sullivan	<i>College Algebra Enhanced with Graphing Utilities 8e; Algebra &amp; Trigonometry Enhanced with Graphing Utilities 8e; Precalculus Enhanced with Graphing Utilities 8e</i>
Sullivan, Sullivan	<i>College Algebra: Concepts through Functions 4e; Precalculus: Concepts through Functions, A Right Triangle Approach to</i>

	<i>Trigonometry 4e; Precalculus: Concepts through Functions, A Unit Circle Approach to Trigonometry 4e</i>
Schulz, Sachs & Briggs	<i>Precalculus 2e Digital Update</i>
Trigsted	<i>College Algebra 4e; Algebra &amp; Trigonometry 3e; Trigonometry 3e</i>

### Calculus Titles

<b>Author:</b>	<b>Title:</b>
Briggs, Cochran, Gillett & Schulz	<i>Calculus, 3e; Calculus: Early Transcendentals 3e</i> Including Digital Update and Integrated Review Versions
Hass, Heil, Weir & Bogacki	<i>University Calculus: Early Transcendentals 4e</i>
Hass, Heil & Weir	<i>Thomas' Calculus 14e; Thomas' Calculus: Early Transcendentals 14e</i>

