

## H2 Geogebra in the Buckles book

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### Geogebra in the Buckles book

Counting tables, graphs and other elements in Buckles

Elements in Chapter 4

Types of elements in the book

Tables

Static Graphs

Live Geogebra Activities

Question Types

Multiple Choice

Short Answer

Intro

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### H3 Counting tables, graphs and other elements in Buckles

The book has 29 chapters or modules. Each module has a long *Chapter Reading Assignment* (TH Page), *Slides*, a *homework assignment* (also in a TH page), and *solutions* to ungraded questions from the reading (another TH page). Embedded in each of these pages we find Tables, Static Graphs, Live Geogebra Activities, and Questions which may be graded or ungraded. There are also questions in between slides.

In the section below entitled [Types of elements in the book](#) I include snapshots to give a sense of what the elements look like.

To get a sense of how much production material is involved in each chapter, I took inventory of Chapter 4.

### H4 Elements in Chapter 4

- Tables: 13
- Static Graphs: 16
- Questions: 56
  - Live GB Graphing Questions: 10 (not graded but do show right/wrong)
  - open answer: about 25
  - multiple choice: about 20
- A Glossary

### H3 Types of elements in the book

#### H4 Tables

Prices	Quantities Supplied Per Week
10¢	200
50¢	500
\$1.00	800
\$2.00	1,200
\$3.00	1,500

Table 4.5: Supply schedule for oranges.

#### H4 Static Graphs

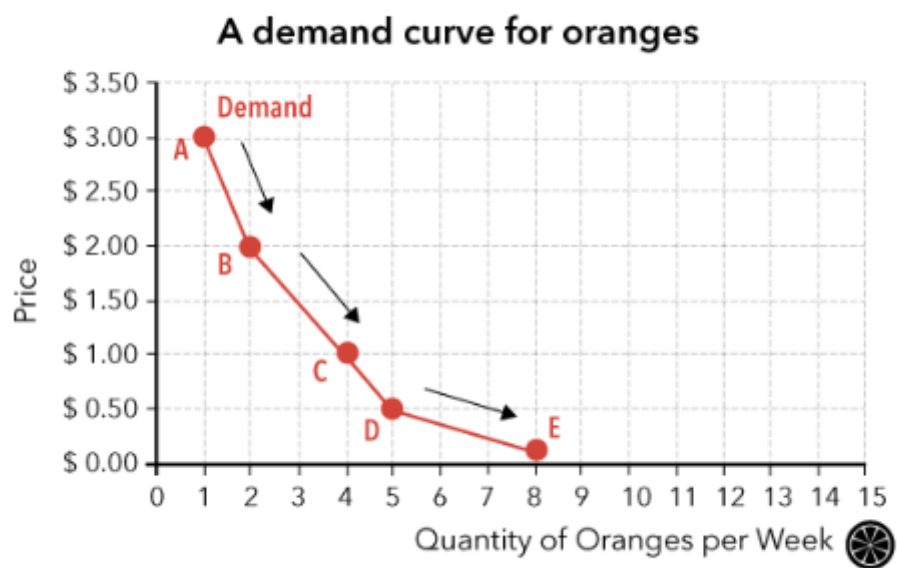


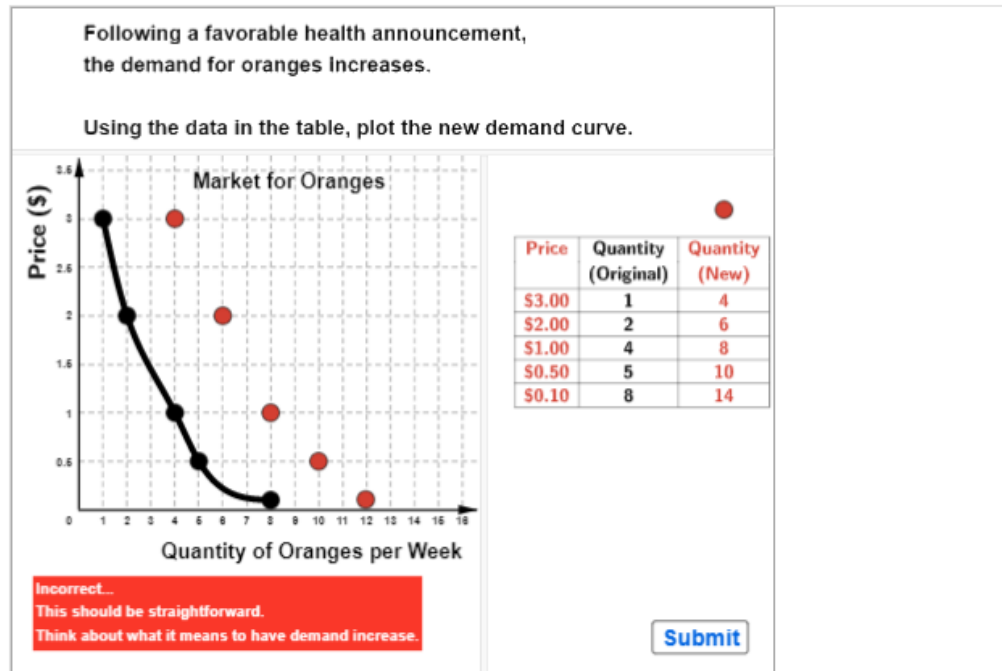
Figure 4.2: A demand curve for oranges.

#### H4 Live Geogebra Activities

Students click on these and though they are not graded by the system they are coded to show right and wrong answers and provide hints.

## Graphing Question 4.01

Draw these new data on the graph below, which shows the initial demand curve.



H4 Question Types

H5 Multiple Choice

Question 4.08 [Hide Correct Answer](#) [Hide Responses](#)

What will happen to current purchases if people expect lower prices in the future? What will happen with expectations of higher incomes?

A	Demand increases; demand increases	0
B	Demand decreases; demand increases	0
C	Demand increases; demand decreases	0
D	Demand decreases; demand decreases	0

**Hint**

Think about purchasing wrapping paper on the 23<sup>rd</sup> of December versus the 26<sup>th</sup> of December. If you don't need wrapping paper for Christmas, and you could buy it on the 23<sup>rd</sup> or the 26<sup>th</sup>, when would you (and others like you) buy it? Likewise, if you sign a job offer with a good salary that will start in 3 months, will this affect your spending?

**Explanation**

If individuals expect lower prices, they will wait to purchase items (this leads to a decrease in demand). If individuals expect a higher wage, they are more likely to buy more now (leading to an increase in demand).

H5 Short Answer

Not autograded, but hints and answers are provided.

### Question 4.09



Question 4.09

What are the key influences on buyers' decision-making? Summarize the demand discussion in your own words.



Responses



jonathan.conning@hunter.cuny.edu

Reply:

Cancel

 Post

Hover [here](#) to see the hint for Question 4.09.

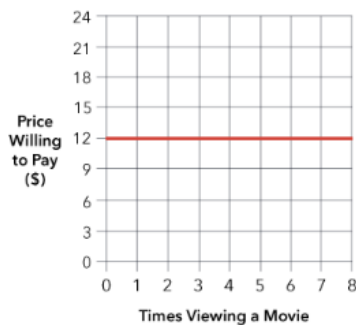
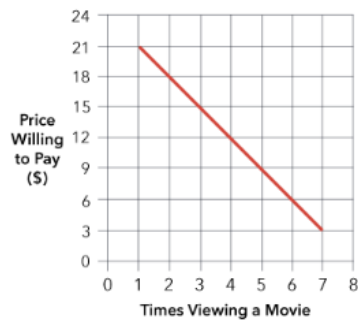
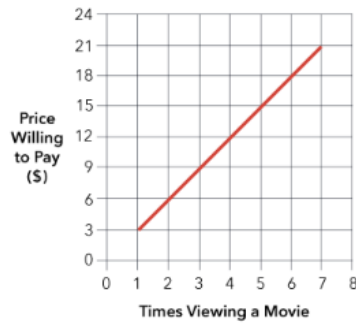
Click [here](#) to see the answer to Question 4.09.

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### H3 Intro

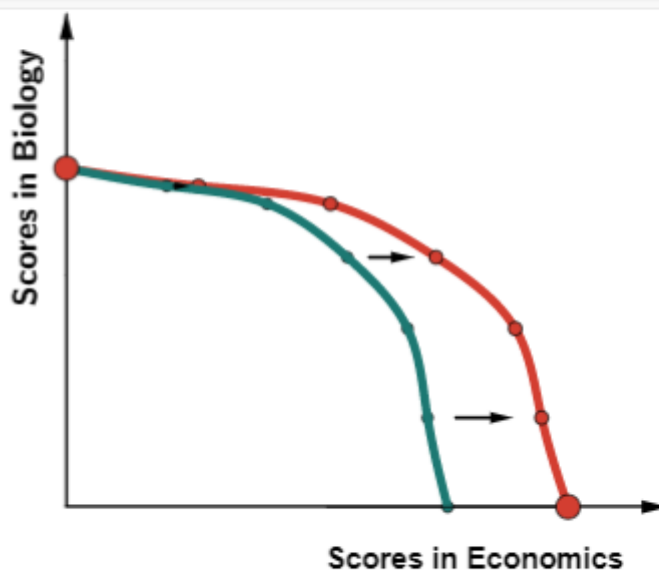
From Buckles 1

Think of what happens to your marginal benefits of going to a movie if you were to go to the same movie more than once. One way to think of it is to ask yourself how much you would pay – not what you have to pay, but what would be willing to pay – to see a complete, exciting new movie series. Consider the graphics below. Select which graph is most likely to represent the marginal benefits of attending a movie.



What happens to the production possibilities frontier curve if textbooks are created to help you study economics?

Slide the red points along each axis to draw the new curve.



**Correct!**

[Start Over](#)

Graphing Question 2.06

Using the data in the table, plot the cost per pair of sunglasses.  
Notice what happens to the marginal cost of sunglasses as more workers are hired.

