

Heritage High School – Distance Learning
Mr. Leong's Geometry Assignment Packet
May 4 – May 8

Due Date: Monday, May 11 by 9:00am
Late work will not be accepted

Reading: Chapter 11.3 (pp.610-613) and Chapter 11.5 (pp.626-630)

Exercises: p.614 #5-10, 12, 15-18, 21, 23
p.614 #20, 22, 24, 27, 28, 30
p.631 #3-10, 12, 19, 21, 23, 31
*Please submit your answers through Clever and the Big Ideas Math site.
Those with limited internet access can email me a scan/photograph of their work.
Those without internet access may submit paper copies to the main office on
Monday from 12-3pm.*

Contact: leongc@luhsd.net
925.634.0037 ext. 6305
Remind @lnsgmnt
Zoom office hours (TBA)

Video examples for 11.3:

<https://bit.ly/3ffRBo6>
<https://bit.ly/3d3fdtY>
<https://bit.ly/2y5msDb>
<https://bit.ly/2SmGj7C>
<https://bit.ly/3aKxLhe>
<https://bit.ly/2KQKjsE>
<https://bit.ly/2Wg06Xh>
<https://bit.ly/3aXwzr3>
<https://bit.ly/2KZErOd>
<https://bit.ly/2y5mKtL>

Video examples for 11.5:

<https://bit.ly/2WbEpIa>
<https://bit.ly/35pKDIv>
<https://bit.ly/2yc2M08>
<https://bit.ly/2xjkiz8>
<https://bit.ly/35jYO1G>
<https://bit.ly/2YIL05i>
<https://bit.ly/3d35gwI>
<https://bit.ly/3bT9RBB>
<https://bit.ly/2VRebvn>
<https://bit.ly/3aPYHMB>

Videos by Mr. Leong

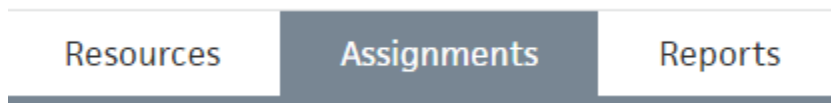
<https://youtu.be/gr1RgHgzl5U>
<https://youtu.be/4jEkQXhN5g>
<https://youtu.be/XZRgKccC6-M>
<https://youtu.be/dxE-YK1gQo4>
https://youtu.be/p_E83PVfwOo
<https://youtu.be/HjdpNjbbfoQ>
<https://youtu.be/6PPtIE6B1kE>
<https://youtu.be/hb-PcnKxJyk>
<https://youtu.be/YR-c-L0w1xE>

Accessing Big Ideas Through Clever

The preferred method of completing assignments is electronically through Clever.

To access your assignments:

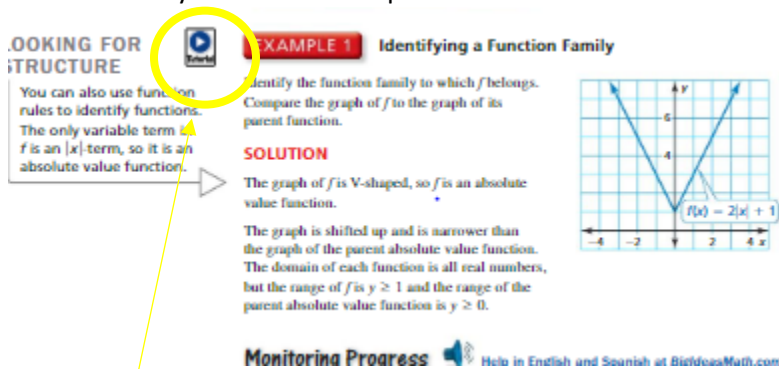
- Go to “clever.com/in/luhsd”
- Log in using your username and password as your student ID number
- Scroll down to “Math” where you will see the Big Ideas Math logo, click on “Big Ideas Math”
- If you are taking multiple math classes, you may need to select the book for the course you are working
- In the middle there is a tab that says “Assignments,” click on “Assignments”



- Choose an assignment to work on from the list. Click the pencil/enter to start the assignment.
- **WARNING!!!!** Clever does NOT automatically save and submit progress. Once you finish the last problem in an assignment, be sure to click your name in the top-right corner and click “Submit” to turn your assignment in.

To access online tutorial videos:

- Go to “clever.com/in/luhsd”
- Log in using your username and password as your student ID number
- Scroll down to “Math” where you will see the Big Ideas Math logo, click on “Big Ideas Math”
- If you are taking multiple math classes, you may need to select the book for the course you are working
- Click on “Student Dynamic ebook”
- You can use the “Contents” tab on the left to get to the section you wish to view
- In the section you will see examples that look similar to the below pic:



LOOKING FOR STRUCTURE

You can also use function rules to identify functions. The only variable term in f is an $|x|$ -term, so it is an absolute value function.

EXAMPLE 1 Identifying a Function Family

Identify the function family to which f belongs. Compare the graph of f to the graph of its parent function.

SOLUTION

The graph of f is V-shaped, so f is an absolute value function.

The graph is shifted up and is narrower than the graph of the parent absolute value function. The domain of each function is all real numbers, but the range of f is $y \geq 1$ and the range of the parent absolute value function is $y \geq 0$.

Monitoring Progress Help in English and Spanish at BigIdeasMath.com

The blue circle with triangle indicates there is a tutorial video for that example. Click the icon to view.