Due Date: Monday, April 13 by 9:00am
Late work will not be accepted

Reading: Chapter 10.1 (pp.530-533) and Chapter 10.2 (pp.538-541)

Reading CFU: Complete the Checking for Understanding questions as you do the reading.
For Chapter 10.1: https://bit.ly/3aSioUZ
For Chapter 10.2: https://bit.ly/2RbEx8R

Exercises: p.534 #5-10, 19-22, 29 and p.542 #5-16
Please submit your answers through Clever and the Big Ideas Math site.
Those without internet access may submit paper copies to the main office.

Quiz: p.582 #1-6, 12-16
Please submit your answers through Clever and the Big Ideas Math site.
Those without internet access may submit paper copies to the main office.

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

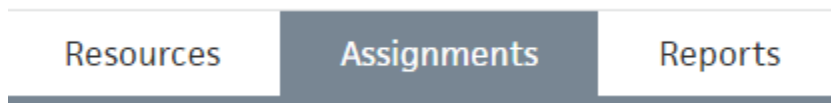| Video examples for 10.1:	Video examples for 10.2:	Videos by Mr. Leong
https://bit.ly/3dM3YHF	https://bit.ly/3dOj9jG	https://youtu.be/D5Knt63-ZyQ
https://bit.ly/2US0ACl	https://bit.ly/3azWVjb	https://youtu.be/jHMja_GpebE
https://bit.ly/2R1glps	https://bit.ly/346R6aO	https://youtu.be/vl3w0Ta2ywc
https://bit.ly/39zyHV7	https://bit.ly/2ymecOB	https://youtu.be/mpdwEl-PDXU
https://bit.ly/2ystD8b	https://bit.ly/3dNdF8M	https://youtu.be/RsB2PV9yDYw
https://bit.ly/3aB7nXT	https://bit.ly/3aBDIhg	
https://bit.ly/39A6XzF	https://bit.ly/2UykhjO	
	https://bit.ly/2X0eN2Q	

Accessing Big Ideas Through Clever

The preferred method of completing assignments is electronically through Clever.
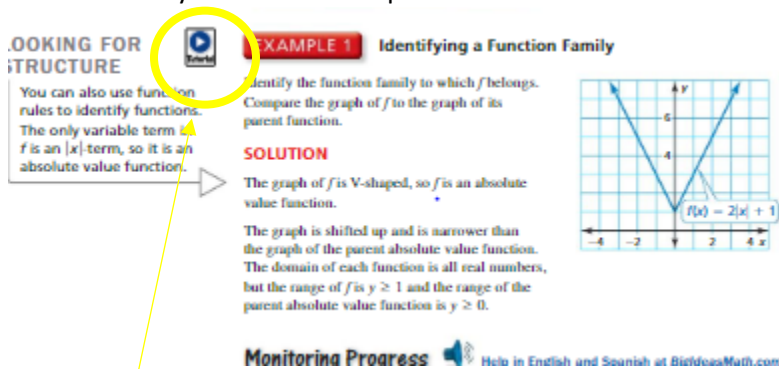
To access your assignments:

- 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"

Resources	Assignments	Reports

- 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:

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

10.1 Check for Understanding

Complete this as you read chapter 10.1 from the Geometry textbook

1

Type your student ID number *

Enter your answer

2

A radius is a segment whose endpoints are the _____ and any point on a circle. *
(1 Point)

Enter your answer

3

A _____ is a segment whose endpoints are on a circle. *
(1 Point)

Enter your answer

4

A diameter is a chord that contains the _____ of the circle *
(1 Point)

Enter your answer

5

How many times does a secant line intersect a circle? *
(1 Point)

○ 0

○ 1

○ 2

6

How many times does a tangent line intersect a circle? *
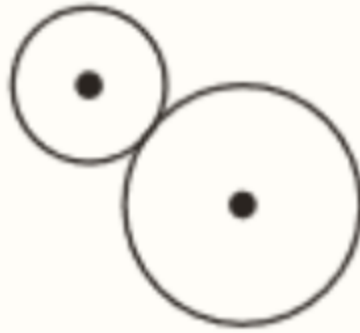(1 Point)

○ 0

○ 1

○ 2

7

Classify the circles shown in the picture. *
(1 Point)

○ tangent circles

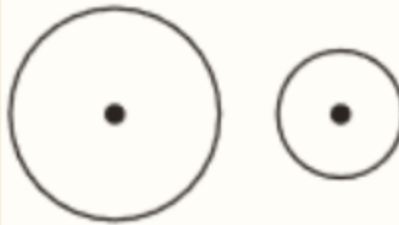○ concentric circles

○ none of the above

8

Classify the circles show in the picture *
(1 Point)

O tangent circles

O concentric circles

O none of the above

9

Classify the circles show in the picture *
(1 Point)

O tangent circles

O concentric circles

O none of the above

10

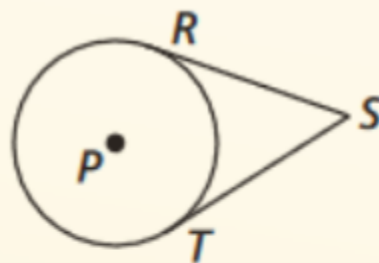Classify the circles show in the picture *
(1 Point)

- ○ tangent circles
- ○ concentric circles
- ○ none of the above

11

At what angle does a tangent line meet a radius of a circle? *
(1 Point)

- ○ *Acute*
- ○ *Obtuse*
- ○ 0°
- ○ 90°
- ○ 180°

12

How are the tangent segments related in this picture? *
(1 Point)

- ○ $RS = TS$
- ○ $RS \neq TS$
- ○ $RS > TS$
- ○ $RS < TS$

10.2 Check for Understanding

Complete this as you read chapter 10.2 from the Geometry textbook

1

Type your student ID number *

Enter your answer

2

A central angle of a circle is an angle whose _____ is the center of the circle *
(1 Point)

Enter your answer

3

Question *
(1 Point)

○ Option 1

○ Option 2

4

Major arcs measure _____ 180 degrees *
(1 Point)

○ exactly

○ less than

○ more than

5

Minor arcs measure _____ 180 degrees *
(1 Point)

○ exactly

○ more than

○ less than

6

A semicircle measures _____ 180 degrees *
(1 Point)

○ exactly

○ less than

○ more than

7

How many points are needed to name a minor arc? *
(1 Point)

○ 1

○ 2

○ 3

8

How many points are needed to name a major arc? *
(1 Point)

○ 1

○ 2

○ 3

9

The measure of an arc formed by two adjacent arcs is the _____ of the measures of the two arcs. *
(1 Point)

○ sum

○ difference

○ quotient

○ product

10

Two circles are congruent if and only if they have the same _____ *
(1 Point)

Enter your answer

11

In the same circle, or in congruent circles, two minor arcs are congruent if and only if their corresponding _____ _____ are congruent. *
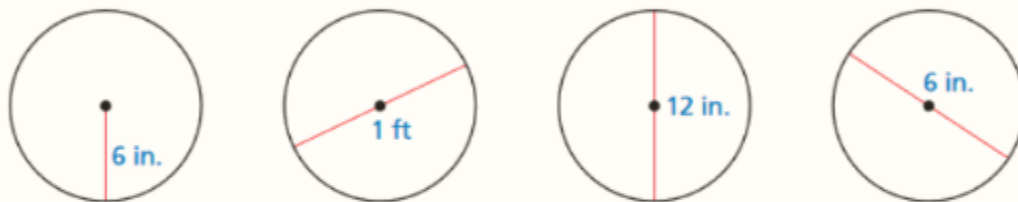(1 Point)

Enter your answer

12

Which circles in the picture are similar? *
(1 Point)

Choose the BEST answer

○ The 1st and 3rd

○ The 1st and 4th

○ The 3rd and 4th

○ They're all similar