Holton, Becky
Math
beckyholton@hudsonisd.org

Week 7 - Week 8 (May 4 - May 15)

This will be the last set of online assignments.

We are going to solve exponential and logarithmic equations this week. Please watch the YouTube videos (*You should be able to access the videos by clicking on the link in this email.*) Watch the videos before you try the assignments. The assignments are from IXL. There will be four this week (watch the example before you do each assignment—it will make your math life easier!)   You will have until May 15th to complete the last two weeks of assignments (which should be NO PROBLEM if you've been keeping up with them).

Topic: Solving exponential equations with different bases

Video: https://youtu.be/R443Db-wJ50

https://www.youtube.com/watch?v=0VUJMVR1JpA

Assignment: IXL, Algebra 2,

S.5 and 6

Topic: Solving logarithmic equations by changing to exponential form

Video: https://www.youtube.com/watch?v=G_kHwdrxyeU

Assignment: IXL, Algebra 2,

R.7 and 8

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Week 7 - Week 8 (May4 - May 15)

Statistics

This will be the last set of Online Assignments.

This week we will be exploring Quartiles and Identifying an Outlier and the Effects of Removing It. The assignment will be on IXL. You need to watch the examples at the beginning of each lesson before you begin the assignment. This will make your math life easier. It would be helpful if you had paper, pencil, & calculator handy.

I know this is hard to do online. But we do not have any choice during these trying times. I hope you will let me know if you need any help.

Shoot for an 85 and that will be good enough, unless you want to go on.

Good Luck with your work and your health. Be safe.

Topic: Quartiles and Identifying Outliers

Assignment: IXL, Algebra 1

> **KK.3   Quartiles**
>
> **KK.4   Identify an Outlier**
>
> **KK.5 Identify an Outlier and Describe the Effect of Removing It**

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Week 6 (April 27-May 1)

Algebra II

We are going to be looking at more properties of logarithmic functions this week and then practice using them. Please watch the YouTube videos from Khan Academy and work some of the examples that come with those videos. (*You should be able to access the videos by clicking on the link in this email*.) Watch the video before you try the assignments. You might want to write down the properties to look at while you are working the assignments. The assignments are from IXL. There will be four this week (watch the example before you do each assignment—it will make your math life easier!) I have attached some notes to help you with these problems and use your notes from last week.

 Topic: Logarithm property III and Change of base property

Video: https://youtu.be/TMmxKZaCqe0

Assignment: IXL, Algebra 2,

  R.11 and 6

Topic: Practice using all 4 properties

Video: https://youtu.be/Pb9V374iOas

Assignment: IXL, Algebra 2,

  R.12 and 13

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Week 6 (April 27-May 1)

Statistics

This week we will be exploring Biased Samples and Mean, Median,Mode and Range. The assignment will be on IXL. You need to watch the examples at the beginning of each lesson before you begin the assignment. This will make your math life easier. It would be helpful if you had paper, pencil, & calculator handy.

I know this is hard to do online. But we do not have any choice during these trying times. I hope you will let me know if you need any help.

Shoot for an 85 and that will be good enough, unless you want to go on.

Good Luck with your work and your health. Be safe.

Topic: Identify Biased Samples

Assignment: IXL, Algebra 1

       KK.1   Identify Biased Samples

       KK.2   Mean, Median, Mode and Range

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Week 5 (April 20-24)

Algebra II

We are going to be looking at properties of logarithmic functions this week. They are what allows us to change the form of logarithmic expressions in order to be able to solve the equations. Please watch the YouTube videos from Khan Academy and work some of the examples that come with those videos. (*You should be able to access the videos by clicking on the link in this email.*) Watch the video before you try the assignments. You will want to write down the properties to look at while you are working the assignments. The assignments are from IXL. There will be three this week (watch the example before you do each assignment—it will make your math life easier!)

I will be recording grades for the second and third week's assignments this week. You should have access to the 4th nine weeks gradebook so you can see your grades.

I have attached some notes to help you with this week's assignment.

Topic: Logarithm properties I and II

Video: https://youtu.be/PupNgv49_WY

 Assignment: IXL, Algebra 2,

R.8,   R.9,   R.10

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Week 5 (April 20-24)

Statistics

This week we will be exploring Permutations and Combinations. The assignment will be on IXL. You need to watch the examples at the beginning of each lesson before you begin the assignment. This will make your math life easier. I have also attached one page of notes that might help you. It would be helpful if you had paper, pencil, & calculator handy.

I know this is hard to do online. But we do not have any choice during these trying times. I hope you will let me know if you need any help.

Shoot for an 85 and that will be good enough, unless you want to go on.

Good Luck with your work and your health. Be safe.

Topic: Permutations and Combinations

Assignment: IXL, Algebra 1

       JJ.6   Counting Principle

       JJ.7   Permutations

       JJ.8   Permutation and Combination Notation

Notes: You can use your calculator for these problems. The notes attached show you both the   formulas you can use and the steps to use your calculator.

Week 4 (April 13-17)

Algebra II

We are going to be looking at the connection between Exponential Functions and Logarithmic Functions this week. They are inverses of each other (like quadratic and square root functions). I strongly encourage you to watch the YouTube videos from Khan Academy and work some of the examples that come with those videos. (*You should be able to access the videos by clicking on the link in this email.*) Watch all the videos before you try the assignments. The assignments are from IXL. There will be four this week, but they are very simple (watch the example before you do each assignment—it will make your math life easier!) I will be recording the grades for the second week's assignments this week. You should have access to the 4th Nine Weeks gradebook sometime next week so you can see your grades.

Topic: Introduction to Logarithms and Changing expressions from Exponent form to Log form

Video: https://youtu.be/Z5myJ8dg_rM

https://youtu.be/eTWCARmrzJ0

https://youtu.be/Obch1OP5QyA

 Assignment: IXL,   Algebra 2   R.1, 2, 3, 4

I would also like you to just watch this video because it shows how exponential and logarithmic functions are inverses by showing how they relate graphically.

Video: https://youtu.be/DhW9pz5Vfw

Good Luck with your assignment and take care,

Mrs. Holton

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Week 4 (April 13-17)

Statistics

We are going to be working on Percents, Tax, Discounts, & more. You will be doing multi-step problems. (Be sure you watch the Example before starting each assignment. It will make your math life easier.) The assignments will be on IXL. There will be two this week. I will be recording grades for the second week's assignments this week. You should have access to the 4th Nine Weeks gradebook sometime next week to see your grades.

Topic: Percents, Tax, Discount and More - Multi-step Problems

Assignment: IXL   Algebra 1   D.8, D.9

Good luck with your assignment and take care,

Mrs .Holton

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Week 3 (April 6-10)
Algebra II

We are going to be moving on to some new concepts this week. I strongly encourage you to watch the YouTube video from Khan Academy and maybe even work some of the examples that come with that video. (*You should be able to access the video by clicking on the link in this email.*) The assignment will be from IXL. There will only be one this week.   (Watch the example before you start the assignment)…if you haven't completed the previous assignments, you'll want to get those done, as well. I will be recording the grades for the first week's assignments this week. You won't have access to the 4th nine weeks gradebook until after April 10th.

Topic: Solving exponential equations using properties of exponents

Video: https://youtu.be/etl9KKf6se0

 Assignment: IXL, Algebra 2   S.4

Good luck on your assignment and take care of yourself.

Mrs. Holton

Week 3 (April 6-10)
Statistics

We are going to be moving on to some new concepts this week.The assignment will be from IXL. There will only be one this week. (Watch the example before you start the assignment)…if you haven't completed the previous assignments, you will want to get those done, as well. I will be recording the grades for the first week's assignments this week. You won't have access to the 4th nine weeks grades until after April 10th.
I've attached one page of notes over Percent of Change

Topic: Percent of Change

Assignment: IXL, Algebra I   D.4

Good Luck on your assignment and take care of yourself,

Mrs. Holton

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Week 2 (March 30 - April 3)

Algebra II

I hope all of you are doing well. I don't know about you but this isolation is very hard. I have walked my little dog so many times a day, she doesn't like to go as much anymore. I miss seeing all your smiling faces and hearing all your laughter.

The assignments for this week are more in line with what we were reviewing for our 3rd nine weeks test. If you need a calculator, you can download a free app on your phone - just search TI84 and see what comes up. You can also use GraphNCalc on the computer.

Assignments for Week 2 (March 30 - April 3) are in
IXL - Algebra 2
I.1
I.3
J.7
J.8
I know that lots of you are working really hard and have gotten really good grades. Yippee!
Some have not started on Week 1 yet, so don't get too far behind. I'll be pulling grades for the assignments until a week after they are due.
Week 1 - Due March 30   Grades pulled April 6
Week 2 - Due April 6   Grades pulled April 13
Thank you for working so very hard on these assignments.   Remember, you can watch examples before you start the assignments and that will help a lot.
If you have any trouble at all just email me and I will answer ASAP.
If you have lost your Username and Password, let me know.

Missing you and wishing you the best, (Stay Isolated)
Mrs. Holton

PS If you are some of those working many days and hours, wash your hands as much as possible or wear gloves.

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Week 2 (March 30 - April 3)
Statistics
I hope all of you are doing well. I don't know about you but this isolation is very hard. I have walked my little dog so many times a day, she doesn't like to go as much anymore. I miss seeing all your smiling faces and hearing all your laughter.

The assignments for this week are a review over Probability. The only place I could find Probability in IXL was under Algebra 1 and Algebra 2. That's why they don't say Statistics. If you need a calculator, you can download a free app on your phone - just search TI84 and see what comes up. You can also use GraphNCalc on the computer.

Assignments for Week 2 (March 30 - April 3) are in
IXL -
Algebra 1
D.2
D.7
Algebra 2
CC.1
CC.8
I know that lots of you are working really hard and have gotten really good grades. Yippee!
Some have not started on Week 1 yet, so don't get too far behind. I'll be pulling grades for the assignments until a week after they are due.
Week 1 - Due March 30   Grades pulled April 6
Week 2 - Due April 6   Grades pulled April 13
Thank you for working so very hard on these assignments.   Remember, you can watch examples before you start the assignments and that will help a lot.
If you have any trouble at all just email me and I will answer ASAP.
If you have lost your Username and Password, let me know.

Missing you and wishing you the best, (Stay Isolated)
Mrs. Holton

PS If you are some of those working many days and hours, wash your hands as much as possible or wear gloves.

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Week 1 (March 23-27, 2020)
Algebra II
You will be doing your assignments online. The assignments for this week will be review over things you've done before. If you need a refresher before you begin, then click on "Learn Example" before you begin the assignment. The assignments are:

IXL - Algebra II

A.3
D.1
D.3
D.4
D.7

These assignments will open today and close on Sunday.

Shoot for an 85 or better. I emailed each one of you your Username and Password last night or early this morning. If something does not work, send me an email and let me know.

Good Luck,
Becky Holton

Week 1 (March 23-27, 2020)
Statistics
You will be doing your assignments online. The assignments for this week will be review over things you've done before. If you need a refresher before you begin, then click on "Learn Example" before you begin the assignment. The assignments are:

IXL - Algebra I (Probability)

D.1
JJ.1
JJ.3
JJ.4
JJ.5

These assignments will open today and close on Sunday.

Shoot for an 85 or better. I emailed each one of you your Username and Password last night or early this morning. If something does not work, send me an email and let me know.

Good Luck,
Becky Holton

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