Mrs. Danielle's

5th Grade Class-Distance Learning: May 11-15, 2020

Hello my wonderful students,

I cannot believe how quickly the end of the year is sneaking up on us! Y'all have done a wonderful job keeping up with your Distance Learning. I truly am so proud of each of you for all of your dedication and hard work. Love you guys!!

Monday May 11, 2020

Daily Zoom Meeting Format

Each day for our Zoom meeting, we will go over several problems from the daily Math assignment. The rest of the problems you will work out independently. You may choose to work on your Math assignment before or after our session. Upon completion, you may check your work from the answer keys provided at the end of the slideshow. I will also provide a time at the end of our session for you to ask questions.

Math-Monday 11, 2020

Math assignments:

Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- ❏ Log on to Pearson to watch the Visual Learning Video: *Solve Problems Using Ordered Pairs.*

Access through Pearson website:

- ➔ Click Pearsonrealize.com
- ➔ Put in username and password

Everyone's username/password info is posted by class on the main page of teacher website:
https://daniellelaughlin.wixsite.com/website

Daily Math assignment continued on the next slide.

Math-Monday 11, 2020

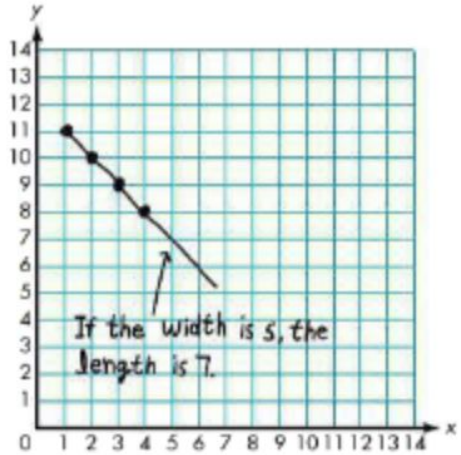
Math assignments:

Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- Complete page 789-791 in your Math book: We will work on Solve and Share and Guided Practice problems during our Zoom meeting. You will complete the Independent Practice problems on page 791 your own.

- Answer key is included on the next slide. You may view the answer key to check your work once you have completed the page.

Drew's Work



Drew uses the graph as a mathematical model to help answer the question.

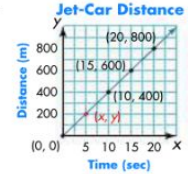
Do You Understand?

1. In the example on page 790, find another point on the line. What does this point represent?
   Sample answer: (18, 23); Ann's earnings are $18, and Bill's earnings are $23.
2. **Algebra** In the example on page 790, write an equation to show the relationship between Ann's earnings and Bill's earnings. Remember to let x = Ann's earnings and y = Bill's earnings.
   Sample equation: $y = x + 5$

Do You Know How?

Write the missing coordinates and tell what the point represents.

3.

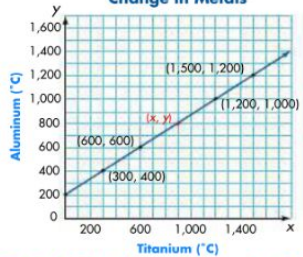


(5, 200); At 5 seconds, the Jet Car has traveled 200 meters.

Independent Practice

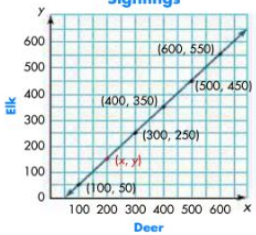
In **4** and **5**, find the missing coordinates and tell what the point represents.

4.



(900, 800); When titanium is 900°C, aluminum is 800°C.

5.



(200, 150); When there are 200 deer sightings, there are 150 elk sightings.

6. For Exercise 5, find two other points on the line. Then graph and label them. Describe the relationship between deer sightings and elk sightings.

Check students' graphs. Sample answer: (550, 500) and (650, 600); For each number of deer sightings, there are 50 fewer elk sightings.

*For another example, see Set B on page 803.

Science-Monday May 11, 2020

Sign into Fossweb: www.fossweb.com

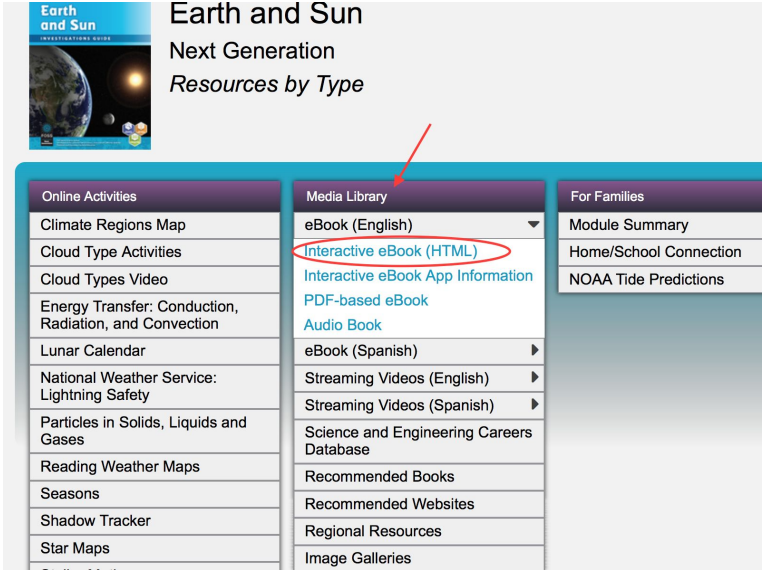
Login: sciencehcs5 Password: sciencedanielle

- ➔ Click on “Earth and Sun” book.
- ➔ Click on “Interactive eBook” under the column labeled, “Media Library”.

- ❑ Read about severe weather on pages 130-137. Be sure to read the captions under the pictures, also.

- ❑ Watch the following video on Thunderstorms:
- ➔ Visit www.brainpop.com and search “Thunderstorms”.

Username: HCSWarrior
Password: warrior123



Social studies

This will be an optional activity.

A journal will take the place of regular Social Studies lessons. We previously learned about primary and secondary sources. I would encourage everyone to make a one paragraph (or more) journal entry 2-3 times a week. You can choose to do this daily for those of you who love writing! This would be considered your very own primary account of what you are experiencing.

Have a Marvelous Monday!

Tuesday May 12, 2020

Math-Tuesday May 12, 2020

Math assignments:

Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- ❏ Log on to Pearson to watch the video: *Solve Problems Using Ordered Pairs : Another Look*

Access through Pearson website:

- ➔ Click Pearsonrealize.com
- ➔ Put in username and password

Everyone's username/password info is posted by class on the main page of teacher website:
https://daniellelaughlin.wixsite.com/website

Daily Math assignment continued on the next slide.

Math-Tuesday May 12, 2020

Math assignments:

Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- ❏ Complete page 792-793 in your Math book. We will work on page 792 during our Zoom meeting. You will complete page 793 on your own. We will go over these during tomorrow's Zoom meeting.

Math Practices and Problem Solving

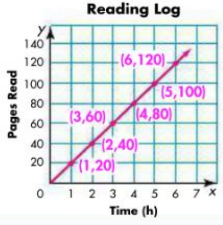
In **7** and **8**, use the table at the right.

DATA

Reading Log						
Time (h)	1	2	3	4	5
Pages Read	20	40	60	80	100

7. Graph the points in the table on the grid at the right. Then draw a line through the points.
Check students' graphs.

8. **MP.7 Look for Relationships** If the pattern continues, how many pages will have been read after 6 hours? Extend your graph to solve.
120 pages

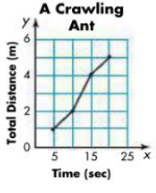


9. **Higher Order Thinking** Suppose you have a graph of speed that shows a lion can run four times as fast as a squirrel. Name an ordered pair that shows this relationship. What does this ordered pair represent? **Sample answer: (3, 12); The lion runs 12 mph while the squirrel runs 3 mph.**

10. **Number Sense** Candace drives a total of 48 miles each day to get to work and back home. She works 5 days a week. Her car gets 21 miles per gallon of gas. About how many gallons of gas does she need to drive to work and back home each week?
Sample answer: about 11 gallons

Common Core Assessment

11. What does the point (15, 4) represent on the graph at the right?



Ⓐ The ant crawled 15 meters in 19 seconds.
Ⓑ The ant crawled 15 meters in 4 seconds.
Ⓒ The ant crawled 4 meters in 19 seconds.
Ⓓ The ant crawled 4 meters in 15 seconds.

12. What does the point (20, 5) represent on the graph?

Ⓐ In 20 seconds, the ant crawled 5 centimeters.
Ⓑ In 20 seconds, the ant crawled 5 meters.
Ⓒ In 5 seconds, the ant crawled 20 meters.
Ⓓ In 5 seconds, the ant crawled 15 meters.

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Name _____

Help Practice Buddy Tools Games

Homework & Practice 14-3
Solve Problems Using Ordered Pairs

Another Look!

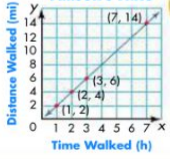
Allison can hike 2 miles in an hour. At that speed, how far would she walk in 7 hours?

DATA

Time (h)	1	2	3
Distance (mi)	2	4	6

Plot the ordered pairs from the table. Draw a line to show the pattern. Then extend the line to where the *x*-coordinate is 7. Read the *y*-coordinate when the *x*-coordinate is 7. The *y*-coordinate is 14.

So, Allison can hike 14 miles in 7 hours.

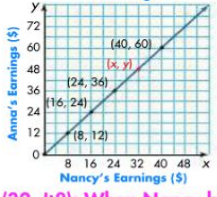


Let *x* be the number of hours Allison walks and let *y* be the number of miles she walks.

In **1** and **2**, find the missing coordinates and tell what the point represents.

1.

(18, 1,500); When the elephant is 18 months old, it weighs 1,500 pounds.

2. 

(32, 48); When Nancy had earned $32, Anna had earned $48.

3. For Exercise 2, find another point on the line. Then graph and label the point.
Sample point: (48, 72); Check students' graphs.

4. What does the ordered pair for the point you found in Exercise 3 represent?
Sample answer: When Nancy had earned $48, Anna had earned $72.

Science-Tuesday-Friday May 12-15, 2020

- ❏ Create a brochure about SEVERE WEATHER that you read about from yesterday's lesson. You may log in to Fossweb at any time to view the book. You will have the rest of the week to complete this project. My suggestion is that you work on your brochure a little each day.

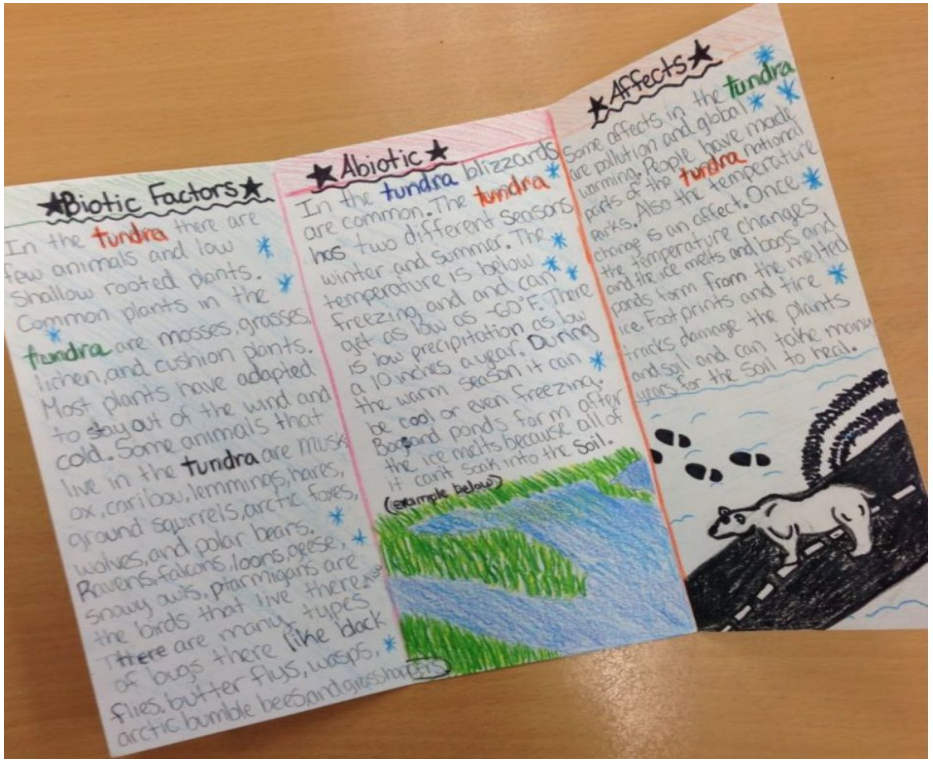
<u>Directions:</u>

Choose 4 types of severe weather from the following list:

- Tornadoes
- Thunderstorms
- Hurricanes
- Blizzards
- Droughts
- Floods

Begin by folding a plain sheet of paper or construction paper into thirds. On the front of your brochure, design a title. On each the three inside flaps, create subtitles about severe weather. Include a brief description of each, along with a few **specific** examples on how to stay safe. You may use the back of the brochure in order to fit all 4 types of weather. *See an example of a brochure on the next slide.*

NOTE: the following pictures are simply EXAMPLES of student-made brochures, but with a different topic. Your topic is still about severe weather! This is just to give you an idea of what a brochure looks like.



Have a TERRIFIC Tuesday!

Wednesday May 13, 2020

Math-Wednesday May 13, 2020

Math assignments:

Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- ❑ Log on to Pearson to watch the video: Reasoning*: Visual Learning*

Access through Pearson website:

- ➔ Click Pearsonrealize.com
- ➔ Put in username and password

Everyone's username/password info is posted by class on the main page of teacher website:
https://daniellelaughlin.wixsite.com/website

Daily Math assignment continued on the next slide.

Math-Wednesday May 13, 2020

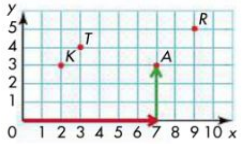
Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- Complete page 803-804 in your Math book. We will work on these pages during today's Zoom meeting.
- You may check your work by viewing the answer key on the following slide.

Set A pages 777–782

What ordered pair names Point *A*?

Start at the origin. The *x*-coordinate is the horizontal distance along the *x*-axis. The *y*-coordinate is the vertical distance along the *y*-axis.



Point *A* is at (7, 3).

14

Reteaching

Remember to first find the *x*-coordinate. Then find the *y*-coordinate. Write the coordinates in (*x*, *y*) order.

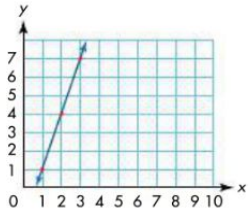
Use the grid to answer the questions.

1. Which point is located at (9, 5)?
   R
2. Which point is located at (2, 3)?
   K
3. What ordered pair names Point *T*?
   (3, 4)
4. What is the ordered pair for the origin?
   (0, 0)

Set B pages 783–788, 789–794

In the table, the *x*-coordinate is in the left column and the *y*-coordinate is in the right column. Use the table to plot the ordered pairs. Then draw a line to connect the points.

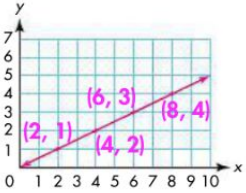
x	y
1	1
2	4
3	7



Remember that you can use a tool, such as a ruler, to draw a line to connect the points on the graph.

1. Use the table below to plot the ordered pairs. Then complete the graph by connecting the points.

x	y
2	1
4	2
6	3
8	4



2. Write two ordered pairs with *x*-coordinates greater than 10 that are on the line.
   Sample answer: (12, 6) and (20, 10)

Set C pages 795–800

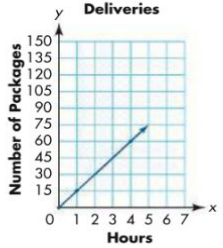
Think about these questions to help you **use reasoning to solve problems**.

Thinking Habits

- What do the numbers and symbols in the problem mean?
- How are the numbers or quantities related?
- How can I represent a word problem using pictures, numbers, or equations?

Remember that you can use a graph or a table to reason about and solve word problems.

A company uses the graph to show how many packages each truck driver delivers. How many packages will one truck driver deliver in a 7-hour day?



1. What information can help you solve the problem?
   Sample answer: The graph shows the relationship between the number of hours and the number of packages delivered.
2. How can you find the number of packages a driver delivers in 3 hours?
   Sample answer: Use the graph to find the *y*-coordinate when the *x*-coordinate is 3.
3. How many packages will one truck driver deliver in a 7-hour day?
   105 packages
4. How can you find how many hours it will take for one truck driver to deliver 120 packages?
   Sample answer: Use the graph to find the *x*-coordinate when the *y*-coordinate is 120.

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Science-Wednesday May 13, 2020

- ❏ Continue to work on your Severe Weather brochure.

Have a WONDERFUL WEDNESDAY!

Thursday May 14, 2020

Math-Thursday May 14, 2020

Live Zoom meeting today: 5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- ❏ Complete page 805-806 in your Math book. We will complete selected problems during today's Zoom meeting. You will complete the rest on your own.

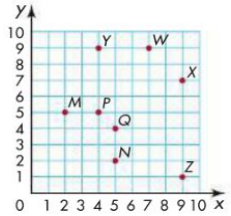
- ❏ You may check your work by viewing the answer key on the following slide.

Name _____

TOPIC 14

Assessment

Use the coordinate grid below to answer **1–4**.



1. Which is the ordered pair for Point *Y*? **1 point**

   Ⓐ (4, 5)
   Ⓑ (4, 9)
   Ⓒ (7, 9)
   Ⓓ (9, 4)

2. Martin graphed a point at (5, 2). Which point did he graph? **1 point**

   Ⓐ *M*
   Ⓑ *N*
   Ⓒ *Q*
   Ⓓ *P*

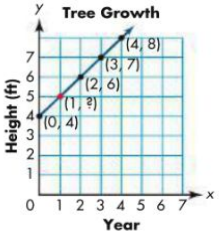
3. What is the ordered pair for Point *Z*? **1 point**

   (9, 1)

4. What is the ordered pair for Point *P*? **1 point**

   (4, 5)

5. Each year, Ginny recorded the height of a tree growing in her front yard. The graph below shows her data.



Part A

What was the height of the tree after the first year? **1 point**

5 feet

Part B

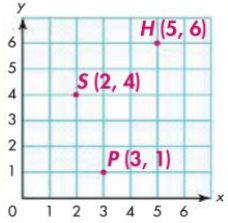
What does the point (3, 7) represent on the graph? **1 point**

The height of the tree after year 3 was 7 feet.

6. Explain how to graph the point (6, 4) on a coordinate plane. **1 point**

Move 6 units to the right of the origin and then move 4 units up.

7. Varsha draws a map of her neighborhood on a coordinate plane. Her map shows the park at *P* (3, 1), her house at *H* (5, 6), and the soccer field at *S* (2, 4). Graph and label each location below. **3 points**



8. Yesterday Billy earned $30 trimming hedges for Mrs. Gant. Today he will earn $10 an hour for weeding her garden. If he weeds her garden for 8 hours, how much in all will he earn working for Mrs. Gant? **1 point**

   Ⓐ $40
   Ⓑ $80
   Ⓒ $110
   Ⓓ $120

9. How is graphing (0, 12) different from graphing (12, 0)? **1 point**

For (0,12), you move 12 units along the *y*-axis, but for (12, 0) you move 12 units along the *x*-axis.

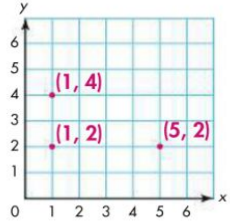
10. What ordered pair represents the point where the *x*-axis and *y*-axis intersect? What is the name of this point? **2 points**

(0, 0); the origin

11. Three vertices of a rectangle are located at (1, 4), (1, 2), and (5, 2).

Part A

Graph and label each of the three vertices below. **3 points**



Part B

What are the coordinates of the fourth vertex of the rectangle? **1 point**

(5, 4)

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Science- Thursday May 14, 2020

- ❏ Continue to work on your Severe Weather brochure.

Thankful Thursday-I thank God for YOU!

Friday May 15, 2020

Math-Friday May 15, 2020

Assignments:

Live Zoom meeting today:
5A @ 10:00, 5B @ 10:30. Check Bloomz for more info.

- ❏ Log in to Pearson to take Topic 14 Online Assessment.
- ❏ *Optional activity*: Practice a skill on the Freckle website:

https://student.freckle.com

Class Code: 5A: NZQKT3 5B: CVWPV9

Science-Friday May 15, 2020

- Complete your Severe Weather brochure. You may email me a picture or send a photo through Bloomz!
- Click on this link to play a fun and informative quiz to see how well you know about lightning safety!

Leon the Lightning Lion game

I hope you have a FUN Friday!

Math Answer Keys:

Directions to access Foss Web:

www.fossweb.com

I have created a login and password for all 5th grade students:

Login: sciencehcs5

Password: sciencedanielle

Brainpop:

Username: HCSWarrior

Password: warrior123

Access through Pearson website:

- ❏ Click Pearsonrealize.com
- ❏ Put in username and password

Everyone's username/password info is posted by class on the main page of teacher website. Go to:
https://daniellelaughlin.wixsite.com/website

Freckle:

- ❏ Log on to Freckle and play a game.

  https://student.freckle.com

  Class Code: 5A: NZQKT3

  5B: CVWPV9