



## VAR MS Home Learning - Structure of Daily Activities

### End of Year Homeroom Celebrations

Homeroom	Time	Zoom Link	Password
NYU	NYU Homeroom Celebration Time: Tuesday, May 26, 2020 11:00 AM		
UofL	UofL Homeroom Celebration Time: May 26, 2020 12:00 PM		

### 7th

Content	Suggested Time	Primary Resource	Day 1	Day 2	Day 3
ELA	1 hour	Amplify <a href="#">GreatMinds Knowledge on the Go</a>	1. This week you will be writing a creative short story to have a clear beginning, middle, and end. It will be submitted on Amplify on the	1. Continue work on short story	1. Complete short story and make sure it has correct grammar and spelling.

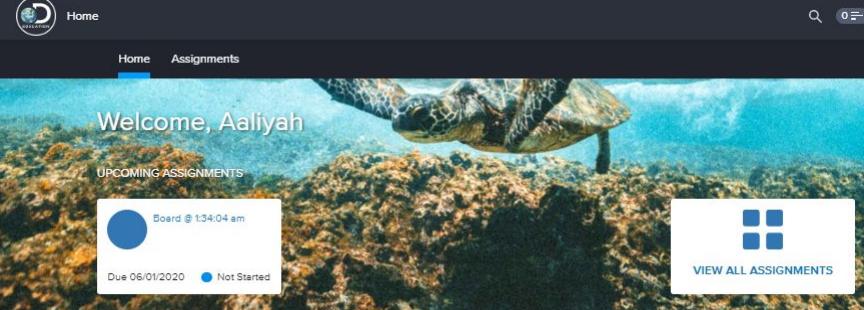


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			<p>Advanced Story Writing Unit, sub-unit 1, lesson 1. This story needs to be at minimum 3 paragraphs, but please push yourself for more as it is a story and this should be fun!</p> <p>2. If you have a short story idea now and it is school appropriate, you may get started, otherwise you may start with this <b>prompt</b>: <b>Something is shocking or different outside of a window. What is it, and how do your characters react? You may start with something like “Outside my window, I was shocked to see...”</b></p> <p>*I'm looking for creativity, a great build of characters, and descriptive writing! Bonus points for figurative language :)</p>		
Math	1 hour	<a href="#">GreatMinds Knowledge on the Go</a>	1. Read Pythagorean Theorem Notes Day 1 (5 min)	1. Read Pythagorean Theorem Notes Day 2 (5 min)	1. Read Pythagorean Theorem Notes Day 3 (5 min)

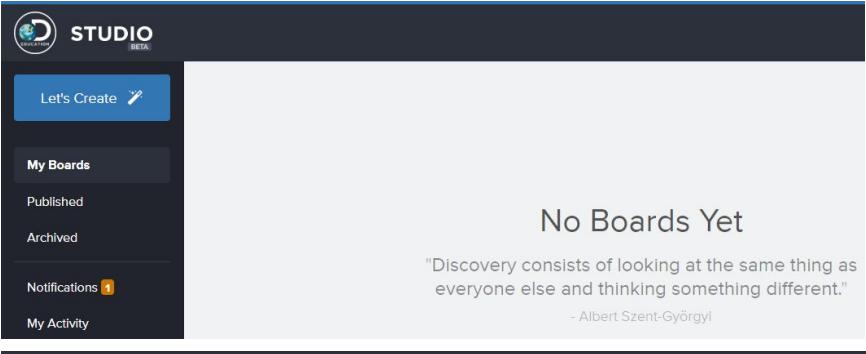
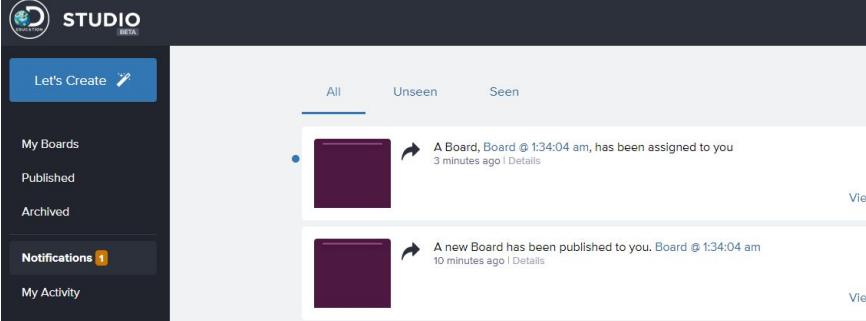


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		<a href="#"><u>ALEKS</u></a>	2.. Pythagorean Theorem Day 1 Independent Practice (25 min)  3. <a href="#"><u>ALEKS</u></a> (30 min)	2.. Pythagorean Theorem Day 2 Independent Practice (25 min)  3. <a href="#"><u>ALEKS</u></a> (30 min)	2.. Pythagorean Theorem Day 3 Independent Practice (25 min)  3. <a href="#"><u>Exit Ticket</u></a>  4. <a href="#"><u>ALEKS</u></a> (30 min)
Science	1 hour	<a href="#"><u>Discovery</u></a>  Login using your Clever account	1. Log onto Discovery Education. Look at your assignments at the top. You should see a new 'Board assignment'. Click on it.   A screenshot of the Discovery Education website. The page shows a large image of a sea turtle swimming over a coral reef. At the top, there's a navigation bar with 'Home' and 'Assignments'. Below the image, it says 'Welcome, Aaliyah'. Underneath, there's a section titled 'UPCOMING ASSIGNMENTS' with a box containing a blue circle and the text 'Board @ 1:34:04 am Due 06/01/2020 Not Started'. To the right, there's a button labeled 'VIEW ALL ASSIGNMENTS' with a grid icon.	2. Once you clicked on the 'Board' assignment Discovery will take you to Discovery 'Studio'. Click on your 'Notifications' button. Then you will see your assigned 'Let's talk about Coronavirus' Board.	



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			 <p>No Boards Yet</p> <p>"Discovery consists of looking at the same thing as everyone else and thinking something different."</p> <p>- Albert Szent-Györgyi</p>  <p>A Board, Board @ 1:34:04 am, has been assigned to you 3 minutes ago   Details</p> <p>A new Board has been published to you. Board @ 1:34:04 am 10 minutes ago   Details</p>	<p>Go through the 'Let's talk about Coronavirus' Board. Read the attached articles and review the pasted images. Several links are copied onto the Studio Board that you must watch. After going through all the material on the Studio Board complete your Coronavirus (assessment) that is 15 questions long.</p> <p>* The Coronavirus (assessment) will not appear in your assignments until Monday; May 25. Once you have answered all 15 questions and submitted your work you are finished!</p>	<p>Social</p> <p>1 hour</p> <p><a href="#">IXL</a></p> <p>Complete Skill:</p>	<p>Complete Skill:</p>	<p>Complete Skill:</p>
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Studies		<a href="#">Asia Region 1</a>	<a href="#">Asia Region 2</a>	<a href="#">Asia Region 3</a>
			Thank you for allowing me to be your teacher this year! I love you all so much - keep in touch! ❤️	
Related Arts	30 min	<p>Art: Last week of school! Don't stress. Let your mind relax while you create generative art. Simply click hold and move your computer mouse to create beautiful patterns. <a href="http://weavesilk.com/">http://weavesilk.com/</a></p> <p>PE:</p> <p>Activity:</p> <p><a href="https://www.youtube.com/watch?v=gTVO5EyhSVk&amp;list=PLtKFn2_K_dbAGVRVg6Yd98zPbhHb8JPRE&amp;index=19&amp;t=0s">https://www.youtube.com/watch?v=gTVO5EyhSVk&amp;list=PLtKFn2_K_dbAGVRVg6Yd98zPbhHb8JPRE&amp;index=19&amp;t=0s</a></p> <p><a href="https://www.youtube.com/watch?v=bJoON3H1Fq0&amp;list=PLtKFn2-K_dbAGVRVg6Yd98zPbhHb8JPmOtrj20cgTm5hcfZ-0H1PLHCQlj">https://www.youtube.com/watch?v=bJoON3H1Fq0&amp;list=PLtKFn2-K_dbAGVRVg6Yd98zPbhHb8JPmOtrj20cgTm5hcfZ-0H1PLHCQlj</a></p>	<p>Art: You're smack in the middle. Two days left! Time for summer fashion...</p> <p>Use this app to design a new school shirt: <a href="https://www.designashirt.com/design-studio">https://www.designashirt.com/design-studio</a></p> <p>Design your own shoes: <a href="http://www.shoedesignstudio.com/design_studio.php">http://www.shoedesignstudio.com/design_studio.php</a></p> <p>PE:</p> <p>Activity:</p> <p><a href="https://www.youtube.com/watch?v=9862GUJWzTU&amp;list=PLiQyPKgbtKze0CM8oFzWyDfw0xHs9fmBz&amp;index=13&amp;t=0s">https://www.youtube.com/watch?v=9862GUJWzTU&amp;list=PLiQyPKgbtKze0CM8oFzWyDfw0xHs9fmBz&amp;index=13&amp;t=0s</a></p> <p><a href="https://www.youtube.com/watch?v=yv2XE_Ut3KU&amp;list=PLiQyPK">https://www.youtube.com/watch?v=yv2XE_Ut3KU&amp;list=PLiQyPK</a></p>	<p>Art: Last day of school! Google 3 fun summer art activities. Here are some ideas to get you started: <a href="https://www.messforless.net/summer-art-activities-for-kids/">https://www.messforless.net/summer-art-activities-for-kids/</a></p> <p>Feel free to email me your favorite art activity or ideas for art activities you would like to do next year.</p> <p>PE:</p> <p>Activity:</p> <p><a href="https://www.youtube.com/watch?v=9862GUJWzTU&amp;list=PLiQyPKgbtKze0CM8oFzWyDfw0xHs9fmBz&amp;index=13&amp;t=0s">https://www.youtube.com/watch?v=9862GUJWzTU&amp;list=PLiQyPKgbtKze0CM8oFzWyDfw0xHs9fmBz&amp;index=13&amp;t=0s</a></p> <p><a href="https://www.youtube.com/watch?v=yv2XE_Ut3KU&amp;list=PLiQyPK">https://www.youtube.com/watch?v=yv2XE_Ut3KU&amp;list=PLiQyPK</a></p>



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		<p><a href="#">K_dbAGVRVg6Yd98zPbhHb8JP RE&amp;index=19</a></p> <p>Cool Down: Relaxation breathing for 2 minutes</p> <p>Technology: Go to your school email and send me an “end of year” letter. <a href="mailto:thoadley@visionacademy-river&lt;br/&gt;side.org">thoadley@visionacademy-river side.org</a> Please answer the following questions. What did you like most about technology? What was one valuable thing that you learned? What is something that you think I should keep in my plans for the incoming 7th graders next fall? Is there anything else you would like to tell me? (Please answer in complete sentences!)</p>	<p><a href="#">&amp;index=5&amp;t=0s</a></p> <p>Technology: Free choice - Pick any website that we have used this year and spend 10-15 minutes on it. Email me <a href="mailto:thoadley@visionacademy-riverside.org">thoadley@visionacademy-riverside. org</a> What website did you pick and why?</p>	<p><a href="#">gbtKzeTgB7v-0XE_Bg7IypHyEek &amp;index=12&amp;t=0s</a></p> <p>Technology: <a href="http://www.typing.com">www.typing.com</a> Continue practicing typing lessons. Take a 3 minute timed test. Please continue to practice typing skills throughout summer if possible. Remember to use home row finger positions.</p>
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7th and 8th Grade Suggested Student Daily Schedule



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9:00-10:30	Language Arts	If you are in need of your child's student logins to: Gmail Aleks Clever Amplify Discovery Please reach out to your child's homeroom teacher.	
10:30-11:30	Math		
11:30-12:00	Break		
12:00-12:30	Lunch		
12:30-1:30	Science		
1:30-2:30	Social Studies		
2:30-3:00	Related Arts		

Teacher Name	Teacher Email	Google Voice Number	Office Hours (Mon - Fri)
Ms. Sowell 7/8 Science U of L Homeroom	jsowell@visionacademy-riverside.org	317-426-8737	10:00am - 12:00pm
Mrs. Husted 7/8 Math NYU Homeroom	lhusted@visionacademy-riverside.org	317-661-1891	1:00pm - 3:00pm
Mrs. Hoock 7/8 Social Studies Mo State Homeroom	mhoock@visionacademy-riverside.org	317-296-4341	10:00 am - 12:00 pm
Mrs. Abbott 7/8 ELA UNCW Homeroom	aabbott@visionacademy-riverside.org	317-798-0559	10:00am-12:00pm
Mrs. Gaskins 7/8 Resource	rgaskins@visionacademy-riverside.org	317-563-1754	11:00 am - 1:00pm
Mrs. Harger K-8 ELL	mharger@visionacademy-riverside.org	317-883-7259	1:00 pm - 3:00 pm
Mrs. Mulugeta, Principal	bmulugeta@visionacademy-riverside.org	317-662-0105	
Mr. Kemps, Dean of Academic	bkemps@visionacademy-riverside.org	215-688-6082	



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Mr. Nelson, Dean of Culture	<a href="mailto:rnelson@visionacademy-riverside.org">rnelson@visionacademy-riverside.org</a>	619-940-6386	
Ms. Buchta, Social Worker	<a href="mailto:sbuchta@visionacademy-riverside.org">sbuchta@visionacademy-riverside.org</a>	317-662-0211	

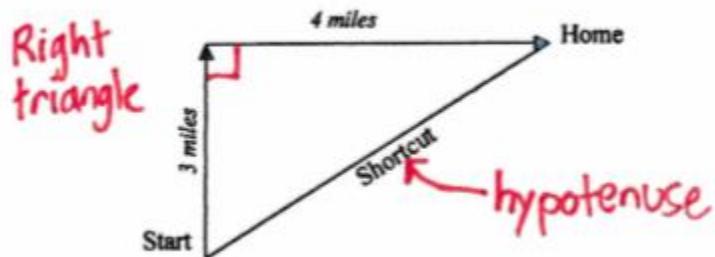
- **Office Hours:** Students may call a teacher during these times to receive one on one support for their work. We recommend that students e-mail their teachers to schedule a set time that they can talk to their teachers during this time.
- **Zoom Meetings:** These are times that teachers will instruct students via video conferencing. Students are expected to attend the Zoom Conferences for each subject taught in their grade level. Teachers will share meeting codes with families the week of April 6<sup>th</sup>.

# Pythagorean Theorem Notes

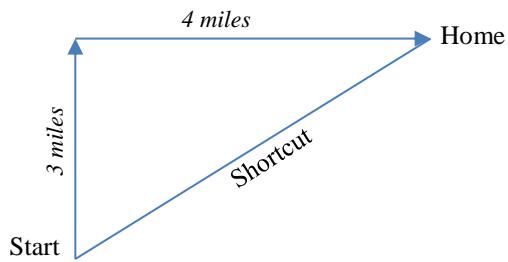
## Day 1:

For this week's lesson, you will need some spaghetti noodles and a ruler with inches. If you do not have a ruler, you can access one here: <https://iruler.net/>

We will be learning about right triangles and the Pythagorean Theorem.



## Is the shortcut actually shorter? Day 1



Reese and her dad are on a very long walk. Her dad says they should go up 3 miles and over 4 miles. Reese says they should take a "shortcut" to get home faster. Is the shortcut actually shorter?

1. What is the total distance of the dad's path? Show your work.
2. Do you think the shortcut is actually a shorter distance? Make a guess at the shortcut distance.

Let's model the two different paths using pieces of spaghetti. Measure one piece of spaghetti to be exactly 3 inches and another to be exactly 4 inches. Then break a third piece of spaghetti to be the shortcut path.

3. Do you think the shortcut piece of spaghetti is longer or shorter than 3 inches? Compare the spaghetti pieces to be sure.
4. Do you think the shortcut piece of spaghetti is longer or shorter than 4 inches? Compare the spaghetti pieces to be sure.
5. Measure the actual length of the shortcut piece of spaghetti. How close was your guess from question #1?
6. How much shorter is the shortcut than the dad's path?
7. If the dad's path takes 84 minutes, how long would the shortcut take? How much time is saved?

## Pythagorean Theorem Notes

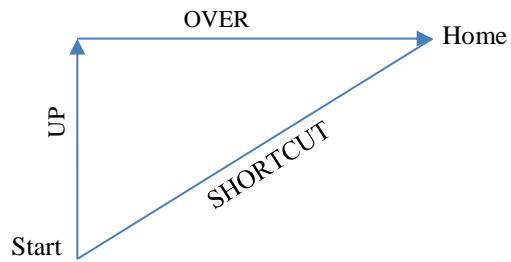
### Day 2:

On Day 1, you should have figured out that the hypotenuse is the longest side in a right triangle.

	A	B	C
Day 1	UP 3	OVER 4	SHORTCUT _____
Day 2	6	8	_____
Day 3	5	12	_____

	$A^2$	$B^2$	$C^2$
Day 1	UP x UP _____	OVER x OVER _____	SHORTCUT x SHORTCUT _____
Day 2	_____	_____	_____
Day 3	_____	_____	_____

## Is the shortcut actually shorter? Day 2



Reese and her dad are on a very long walk. Her dad says they should go up 3 miles and over 4 miles. Reese says they should take a “shortcut” to get home faster. Today we discover a pattern that will help us find the distance of the shortcut.

1. Use spaghetti pieces to find the distance of the shortcut for a walk on each day.

	UP	OVER	SHORTCUT
Day 1	3	4	
Day 2	6	8	
Day 3	5	12	

2. Now take each number in the table above and multiply it by itself.

	UP x UP	OVER x OVER	SHORTCUT x SHORTCUT
Day 1			
Day 2			
Day 3			

3. What pattern do you notice with the numbers in this table?

4. Describe the pattern in words.

5. Write an equation that goes with the pattern.

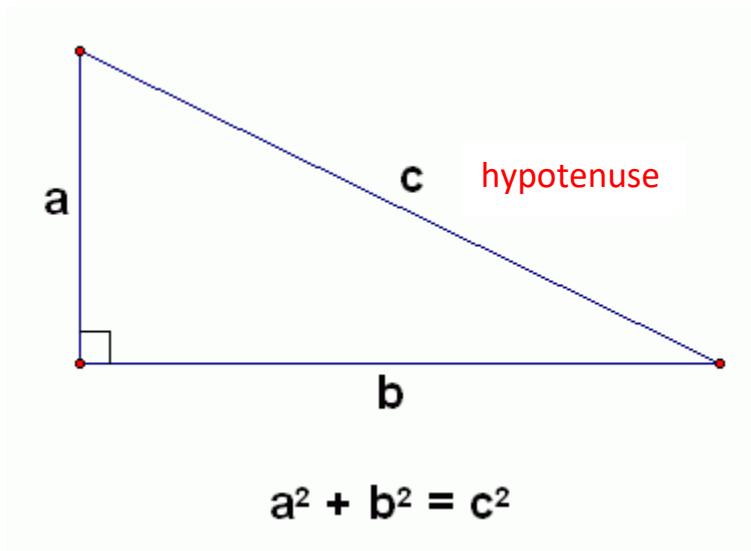
## Pythagorean Theorem Notes

### Day 3:

On Day 2, you should have figured out that  $A + B = C$  did not work, but that  $A^2 + B^2 = C^2$  did work.

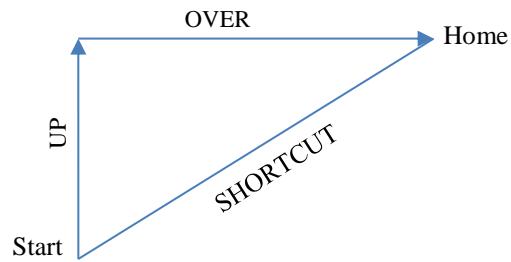
$A^2 + B^2 = C^2$  is called the Pythagorean Theorem.

A and B are always the shortest sides while C is always the longest side which is called the hypotenuse.



Today you will use the Theorem to solve all of the problems and not spaghetti noodles.

## Is the shortcut actually shorter? Day 3



Reese and her dad are on a very long walk. Her dad says they should go up 3 miles and over 4 miles. Reese says they should take a “shortcut” to get home faster. Today we find unknown distances.

1. What is the pattern we discovered yesterday to relate “UP”, “OVER”, and “SHORTCUT”?
2. Without using spaghetti pieces, find the unknown distance on each day. Show your work.

	UP	OVER	SHORTCUT
Day 4	9	12	

Show work:

	UP	OVER	SHORTCUT
Day 5		15	17

Show work:

	UP	OVER	SHORTCUT
Day 6	24		25

Show work: