



Dear Parents/Guardians ~

Please use this page along with my created materials as a guide to support your student during this time of school closure. I am only an e-mail away if you should need guidance with the learning opportunities provided. Our goal during school closure is to keep your student's grade level skills robust. We are a team, and we are doing our best to keep a connection between the school and home.

Sincerely, Mrs. Allen and Ms. Calvin [Erlinda.Allen@saltriversschools.org](mailto:Erlinda.Allen@saltriversschools.org) & [Michelle.Calvin@saltriversschools.org](mailto:Michelle.Calvin@saltriversschools.org)

## 6<sup>th</sup> Grade Math Daily Learning Activities for the Weeks of April 13-17 & April 20-24

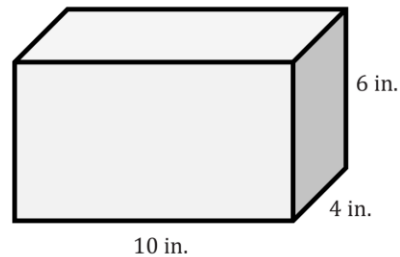
Monday	Tuesday	Wednesday	Thursday	Friday
<p>Concept Review: Students apply the formula <math>V = lwh</math> to find the volume of a right rectangular prism and use the correct volume units when writing the answer.</p> <p><b>Video tutorial:</b> <a href="https://www.khanacademy.org/math/basic-geo/basic-geo-volume-sa/volume-rect-prism/v/how-we-measure-volume">https://www.khanacademy.org/math/basic-geo/basic-geo-volume-sa/volume-rect-prism/v/how-we-measure-volume</a></p> <p><b>Online Practice:</b> <b>Khan Academy</b></p> <ol style="list-style-type: none"> <li>Practice: Volume with unit cubes</li> <li>Practice: Volume of rect. Prisms with unit cubes</li> </ol>	<p>Concept Practice: Students apply the formula <math>V = lwh</math> to find the volume of a right rectangular prism and use the correct volume units when writing the answer.</p> <p><b>Video tutorial:</b> <a href="https://www.youtube.com/watch?v=RjV-cOMQEAO">https://www.youtube.com/watch?v=RjV-cOMQEAO</a></p> <p><b>Complete:</b> - Eureka Lesson 11 - Worksheet: Calculating Volume</p>	<p>Fluency Practice:</p> <p><b>Video Tutorial from Embark.Online:</b> <a href="https://embarc.online/mo/page/view.php?id=3358">https://embarc.online/mo/page/view.php?id=3358</a></p> <p><b>Complete:</b> Eureka Lesson 10 Fluency Sprint</p>	<p><b>Real world Math:</b> Students will find the volume of <b>THREE</b> rectangular prisms around the house.</p> <p>Students will find objects around the house, such as cereal boxes, shoeboxes, juice boxes, ice chest, toy box-measuring with a ruler, fingers, or same size objects (paper clips, hairpins, toothpicks, etc.) to find the Volume of each object. <math>V=lwh</math></p> <p><b>Video tutorial:</b> <a href="https://www.youtube.com/watch?v=LZxXUb9iAZc">https://www.youtube.com/watch?v=LZxXUb9iAZc</a></p>	<p><b>Quick Math:</b> Points on a Coordinate Plane <a href="https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-negative-number-topic/cc-6th-coordinate-plane/e/identifying_points_1?modal=1">https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-negative-number-topic/cc-6th-coordinate-plane/e/identifying_points_1?modal=1</a> Lesson 15 Coordinate Plane Summary worksheet</p>
<p><b>Essential Standard Focus:</b> <b>6.G.A.2</b> Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism.</p>	<p><b>Essential Standard Focus:</b> <b>6.G.A.2</b> Understand and use the formula <math>V = B \cdot h</math>, where in this case, B is the area of the base (<math>B = l \times w</math>) to find volumes of right rectangular prisms with fractional edge lengths in mathematical problems and problems in real-world context.</p>	<p><b>Essential Standard Focus:</b> <b>6.NS.C.7a</b> Understand ordering and absolute value of rational numbers. a. Interpret statements of inequality as statements about the relative position of two numbers on a number line.</p>	<p><b>Essential Standard Focus:</b> <b>6.G.A.2</b> Understand and use the formula <math>V = B \cdot h</math>, where in this case, B is the area of the base (<math>B = l \times w</math>) to find volumes of right rectangular prisms with fractional edge lengths in mathematical problems and problems in real-world context.</p>	<p><b>Essential Standard Focus:</b> <b>6.NS.C.6c</b> Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.</p>
<p><b>Video tutorial:</b> <a href="https://www.khanacademy.org/math/basic-geo/basic-geo-volume-sa/volume-rect-prism/v/how-we-measure-volume">https://www.khanacademy.org/math/basic-geo/basic-geo-volume-sa/volume-rect-prism/v/how-we-measure-volume</a></p>	<p><b>Video tutorial:</b> <a href="https://www.youtube.com/watch?v=RjV-cOMQEAO">https://www.youtube.com/watch?v=RjV-cOMQEAO</a></p>	<p><b>Video Tutorial from Embark.Online:</b> <a href="https://embarc.online/mo/page/view.php?id=3358">https://embarc.online/mo/page/view.php?id=3358</a></p>	<p><b>Video tutorial:</b> <a href="https://www.youtube.com/watch?v=LZxXUb9iAZc">https://www.youtube.com/watch?v=LZxXUb9iAZc</a></p>	<p><b>Video tutorial:</b> <a href="https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-negative-number-topic">https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-negative-number-topic</a></p>

Elementary learning resources to support your student

[https://saltriversschools.org/news/what\\_s\\_new/learningresources2020](https://saltriversschools.org/news/what_s_new/learningresources2020)

**Example 1**

A box with the same dimensions as the prism in the Opening Exercise is used to ship miniature dice whose side lengths have been cut in half. The dice are  $\frac{1}{2}$  in.  $\times$   $\frac{1}{2}$  in.  $\times$   $\frac{1}{2}$  in. cubes. How many dice of this size can fit in the box?

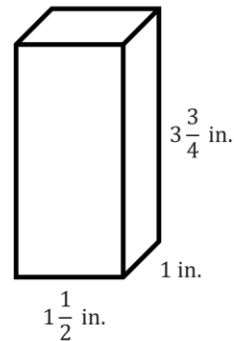
**Example 2**

A  $\frac{1}{4}$  in. cube was used to fill the prism.

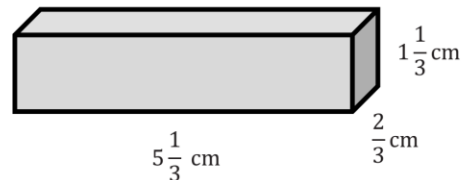
How many  $\frac{1}{4}$  in. cubes does it take to fill the prism?

What is the volume of the prism?

How is the number of cubes related to the volume?

**Exercises**

1. Use the prism to answer the following questions.
  - a. Calculate the volume.



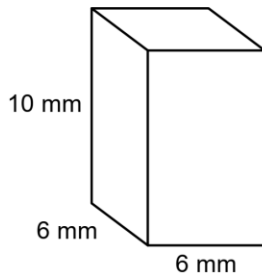
# Calculating Volume

Name: \_\_\_\_\_ Date: \_\_\_\_\_



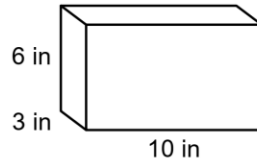
Calculate the volume of each solid.

( 1 )



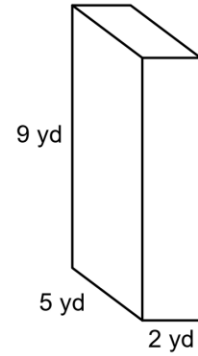
Volume: \_\_\_\_\_

( 2 )



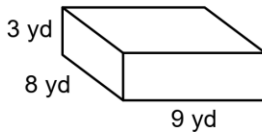
Volume: \_\_\_\_\_

( 3 )



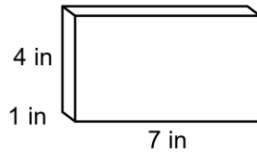
Volume: \_\_\_\_\_

( 4 )



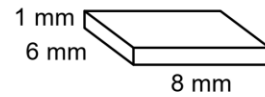
Volume: \_\_\_\_\_

( 5 )



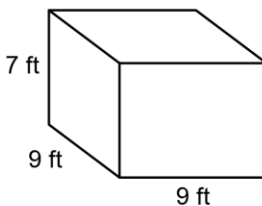
Volume: \_\_\_\_\_

( 6 )



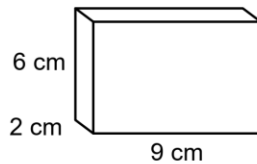
Volume: \_\_\_\_\_

( 7 )



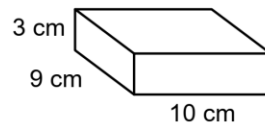
Volume: \_\_\_\_\_

( 8 )



Volume: \_\_\_\_\_

( 9 )



Volume: \_\_\_\_\_



Number Correct: \_\_\_\_\_



### Rational Numbers: Inequality Statements—Round 1

**Directions:** Work in numerical order to answer Problems 1–33. Arrange each set of numbers in order according to the inequality symbols.

1. $\square < \square < \square$ 1, -1, 0	12. $\square > \square > \square$ 7, -6, 6	23. $\square > \square > \square$ $25, \frac{3}{4}, -\frac{3}{4}$
2. $\square > \square > \square$ 1, -1, 0	13. $\square > \square > \square$ 17, 4, 16	24. $\square < \square < \square$ $25, \frac{3}{4}, -\frac{3}{4}$
3. $\square < \square < \square$ $3\frac{1}{2}, -3\frac{1}{2}, 0$	14. $\square < \square < \square$ 17, 4, 16	25. $\square > \square > \square$ 2.2, 2.3, 2.4
4. $\square > \square > \square$ $3\frac{1}{2}, -3\frac{1}{2}, 0$	15. $\square < \square < \square$ 0, 12, -11	26. $\square > \square > \square$ 1.2, 1.3, 1.4
5. $\square > \square > \square$ $1, -\frac{1}{2}, \frac{1}{2}$	16. $\square > \square > \square$ 0, 12, -11	27. $\square > \square > \square$ 0.2, 0.3, 0.4
6. $\square < \square < \square$ $1, -\frac{1}{2}, \frac{1}{2}$	17. $\square > \square > \square$ $1, \frac{1}{4}, \frac{1}{2}$	28. $\square > \square > \square$ -0.5, -1, -0.6
7. $\square < \square < \square$ -3, -4, -5	18. $\square < \square < \square$ $1, \frac{1}{4}, \frac{1}{2}$	29. $\square < \square < \square$ -0.5, -1, -0.6
8. $\square < \square < \square$ -13, -14, -15	19. $\square < \square < \square$ $-\frac{1}{2}, \frac{1}{2}, 0$	30. $\square < \square < \square$ -8, -9, 8
9. $\square > \square > \square$ -13, -14, -15	20. $\square > \square > \square$ $-\frac{1}{2}, \frac{1}{2}, 0$	31. $\square < \square < \square$ -18, -19, -2
10. $\square < \square < \square$ $-\frac{1}{4}, -1, 0$	21. $\square < \square < \square$ 50, -10, 0	32. $\square > \square > \square$ -2, -3, 1
11. $\square > \square > \square$ $-\frac{1}{4}, -1, 0$	22. $\square < \square < \square$ -50, 10, 0	33. $\square < \square < \square$ -2, -3, 1

Date Week of April 13-17 & April 20-24

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Sincerely,

Ms. Christina Price [Christina.price@saltriversschools.org](mailto:Christina.price@saltriversschools.org) 480-620-2534

Monday	Tuesday	Wednesday	Thursday	Friday
Sea Otters	Sea Otters	Elements of a Story	Elements of a Story	Read a Book Watch CNN10
Essential Standard Focus: <b>6.W.7</b>  Conduct short research projects to answer a question, drawing on several source and refocusing the inquiry when appropriate	Essential Standard Focus: <b>6.W.9</b>  b. Apply grade 6 Reading standards to informational text and nonfiction.	Essential Standard Focus: <b>6.Ri.2</b>  Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments	Essential Standard Focus: <b>6.W.2</b> Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.	Essential Standard Focus: <b>6.RL.10</b>  By the end of the year, proficiently and independently read and comprehend literature, including stories, dramas, and poetry, in a text complexity range determined by qualitative and quantitative measures appropriate to grade 6.
Additional Resources to support your students:				
<a href="https://www.scholastic.com/parents/books-and-reading/raise-a-reader-blog/story-time-questions.html">https://www.scholastic.com/parents/books-and-reading/raise-a-reader-blog/story-time-questions.html</a>	<a href="https://www.ixl.com/ela/vocabulary">https://www.ixl.com/ela/vocabulary</a>	<a href="https://englishlinx.com/cgi-bin/pdf_viewer.cgi?script_name=%2Fpdf%2FIdioms-List-Beginner-or-Intermediate.pdf&amp;x=95&amp;y=28">https://englishlinx.com/cgi-bin/pdf_viewer.cgi?script_name=%2Fpdf%2FIdioms-List-Beginner-or-Intermediate.pdf&amp;x=95&amp;y=28</a>	<a href="https://www.journalbuddies.com/prompts-by-grade/writing-prompts-middle-school/">https://www.journalbuddies.com/prompts-by-grade/writing-prompts-middle-school/</a>	<a href="https://www.wfla.com/community/health/coronavirus/audible-is-offering-free-audiobooks-for-kids-stuck-at-home/">https://www.wfla.com/community/health/coronavirus/audible-is-offering-free-audiobooks-for-kids-stuck-at-home/</a>

6<sup>th</sup> Grade ELA Daily Schedule for the Weeks of April 13-17 and April 20-24

**Elementary learning resources to support your student**

[https://saltriversschools.org/news/what\\_s\\_new/learningresources2020](https://saltriversschools.org/news/what_s_new/learningresources2020)

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### Sea Otter Project

This project may take several days to complete. Please read through the instructions. If you have any questions, you can email me at [Christina.price@saltriverschools.org](mailto:Christina.price@saltriverschools.org). You can also call me 480-620-2534. There are two website that are interesting and will help you complete your research. The Monterey Bay Aquarium has a Sea Otter Cam where you can watch the Otters. Tuning in several times to the Sea Otter Cam may incite your creative mind to write a fantastic story about these interesting sea animals.

Monterey Bay Aquarium

[www.montereybayaquarium.org](http://www.montereybayaquarium.org)

<https://www.montereybayaquarium.org/animals/live-cams/sea-otter-cam>

<https://youtu.be/iQg3gD6eOy0>

Aquarium of the Pacific for information about the Southern Sea Otter

[www.aquariumofpacific.org](http://www.aquariumofpacific.org)

Elements of a story: Read the following excerpt and determine the central idea using details. Provide a summary of the text without your personal opinions or judgement.

California's small sea otter population has a few natural predators, such as great white sharks and killer whales, but human activity is a great threat to these animals. Fertilizers and other contaminants are washed into the ocean from land, bringing chemicals and parasites that can cause disease and death in otters and other marine species. Disease-causing pathogens that originate on land can reach the marine environment through storm sewers, sewage outflow, surface run-off, and polluted waterways. Once in the marine environment, sea otters can ingest these pathogens and harmful toxins by way of their food.

Marine debris, such as fishing nets and long lines, can entangle and harm the animals. Oil spills are especially harmful to sea otters because the oil coats their dense fur, destroying its waterproofing and insulating capabilities. The otter ends up freezing to death or being poisoned from ingesting the oil while trying to clean its fur. California's sea otters are concentrated in a relatively small area, and a major oil spill of the central coast could wipe out the entire population. Overfishing is another threat to sea otters. When stocks of their favorite foods are depleted, sea otters have to rely on poorer quality foods, which in some cases carry dangerous parasites. When food is very scarce, otters lose weight and spend more time feeding, and because they are nutritionally stressed, they are more susceptible to disease. Emerging threats such as climate change and ocean acidification will pose additional challenges for the species.

Audible is offering free books for kids. Please visit this website and choose a book that interests you. Your assignment is to read for at least 30 minutes per day. Keep track of the story by keeping a reading log. <https://www.wfla.com/community/health/coronavirus/audible-is-offering-free-audiobooks-for-kids-stuck-at-home/>

If you already have a book you are reading, please read every day. For those of you who love graphic novels, think about creating your own graphic novel. If you have a friend who is an artist, maybe you could collaborate on the story and create a book together. If you are not an artist, maybe you could take pictures with your phone and create a graphic novel with pictures. The sky is the limit in terms of doing something that you enjoy and engages your creative mind.

Your other assignment is to watch CNN10 every day. Choose one day to write a review of what you learned. If you are interested in going above and beyond, watch every day and write a review of what you learned from each day. You may find something you would like to research. Let me know if you need any help with any research. I can guide you to reliable resources.

As your teacher, I am thankful that we are able to stay connected through these packets. I am available to talk with you and help you with your work. It is important to know that all of the teachers at Salt River Elementary School truly care about each and every student. We miss you and want you to be able to continue learning. Be kind to your family and stay healthy!

Enjoy your Easter holiday!  
Ms. Price