

Instructional Material Media

Screenshots to Media Not Accessible

Ricardo Ramos

ETEC 644, Dr. Baek, Spring 19-20

California State University, San Bernardino

Google Classroom for Module <https://classroom.google.com/u/0/c/MTA0MjE0NDA2MjQ3>
(domain permission necessary)

The screenshot shows a Google Classroom interface. At the top, the course title is "644, Surface Area and Volume of S...". Below the title, there are tabs for "Stream", "Classwork", "People", and "Grades". The "Stream" tab is active. The main content area features a header with the course title "644, Surface Area and Volume of Solids", a class code "i7zmfpu", and a "Meet link" button. Below this, there is a section for "Upcoming" work, which currently shows "No work due soon". A "Share something with your class..." prompt is visible. A post by Ricardo Ramos from May 24 is shown, with the text: "PLEASE NOTE... YOU ARE TO START AT THE FARTHEST POST DOWN AND WORK YOUR WAY UP. IF YOU HAVE ANY QUESTIONS, PLEASE SEND ME AN EMAIL (RRAMOS@AVHSD.ORG) OR POST A COMMENT HERE." Below this, a post from Ricardo Ramos dated May 23 is displayed. The post content reads: "Hey everyone. Hope all is well. We're going to continue the chapter with calculating volume, specifically for prisms and cylinders. Your objective for this section: Students will calculate the volume of prisms and cylinders with at least 70% accuracy. I've attached the annotated notes for the sections below. You are welcome to save them and/or print them out to be able to follow along with the instructional videos I'm going to post next. For now, please watch the video from the link below to get an introduction into what volume is and how it is calculated. https://edpuzzle.com/media/5ec9db7d17f2813ef9aee365". A PDF attachment titled "VolumePrismsCylindersN..." is shown. At the bottom, there is a text input field for "Add class comment..." and a submit button.



Ricardo Ramos posted a new assignment via Edpuzzle: Instructional Video, Volume of Pris...

May 23



Ricardo Ramos posted a new assignment via Edpuzzle: Instructional Video, Volume of Pris...

May 23 (Edited May 23)



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May 23 (Edited May 23)



Ricardo Ramos

May 23 (Edited May 23)



Your HW for this section is posted online in the Big Ideas textbook. Students of mine already know how to access their HW. The HW is named "Vol of Prism/Cyl HW" in the online textbook.

Students, you have three chances to get each answer correct and you need to get at least a 70% correct overall. If you don't get a 70% on the first try, the HW will be returned to you with the chance for corrections.

IF YOU DO NOT HAVE ACCESS TO THE ONLINE TEXTBOOK YOU WILL WORK THE ASSIGNMENT THAT WILL BE POSTED ABOVE.



Add class comment...



Ricardo Ramos posted a new assignment: HW for those with no Big Ideas

May 23



Ricardo Ramos

May 23



As always I am available to you if you ever have any questions or need help with the work.

If you have any questions, please email me (rros@avhdsd.org) or send me a message through Google Classroom. I will also be available through Zoom on Tuesdays and Thursdays from 12 to 2pm. I'll be able to work out some problems with you and answer any questions face-to-face. Here is the link and password:

<https://zoom.us/j/2410148499>

Password: Ramos



Add class comment...





Ricardo Ramos
May 23 (Edited May 24)

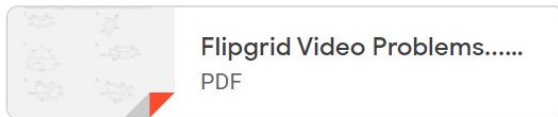


Okay, your final activity for this section...you are to produce a short video on Flipgrid where you solve one of your assigned problems below. You will create a 2 to 5 minute instructional video that describes how you solved the problem. Use my posted video on the Flipgrid link as an example of what it could look like. Be creative...use any of the features Flipgrid has to present your solution or use supplies from home to present.

In addition, you need to reply to at least 2 other students' videos with comments or questions about how they solved the problems. Get some discussions going on how to figure out these problems.

Open the PDF attached below and pick ONE of the six problems to solve for your video. The link to Flipgrid is below.

<https://flipgrid.com/ramos5336>



Add class comment...



Links to Instructional Media within the Google Classroom available in page 3 of Instructional Media Report

Big Ideas Online Textbook <https://www.bigideasmath.com/BIM/teacher/assignments>
(domain permission necessary)

BIG IDEAS MATH GEOMETRY - RAMOS - 4(A) ▾ RICARDO RAMOS ▾

Resources **Assignments** Reports (?) Help

Assignments

CREATE AN ASSIGNMENT

Upcoming (15)
Overdue (41)
Collected (4)
Calendar View

11 - 15 of 15 **Sort By:** Start Date End Date **Order:** Ascending by date Descending by date < 1 2 >

<small>SECTION</small> 10.5 <small>EXERCISES</small>	HW 10.5 Geometry: CC 2015 Problem Set: Custom (12/43) Start: 05/21/2020 9:00AM	Angle Relationships in Circles Students: All Due: 06/04/2020 11:59PM	11/24 <small>STUDENTS SUBMITTED</small>	81.1% <small>AVG SCORE</small>	<small>ACTIONS</small>
<small>SECTION</small> 11.5 <small>EXERCISES</small>	Vol of Prism/Cyl HW Geometry: CC 2015 Problem Set: Custom (12/57) Start: 05/23/2020 10:23PM	Volumes of Prisms and Cylinders Students: Custom (2/24) Due: 06/10/2020 11:59PM	0/2 <small>STUDENTS SUBMITTED</small>	0.0% <small>AVG SCORE</small>	<small>ACTIONS</small>

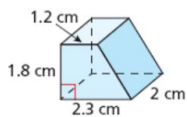
Geometry: CC 2015

Section 11.5 Exercises

Volumes of Prisms and Cylinders

Exercise 3

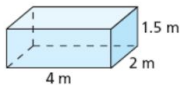
Find the volume of the prism.



The volume is cubic centimeters.

Exercise 4

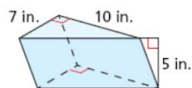
Find the volume of the prism.



The volume is cubic meters.

Exercise 5

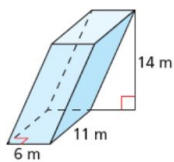
Find the volume of the prism.



The volume is cubic inches.

Exercise 6

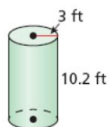
Find the volume of the prism.



The volume is cubic meters.

Exercise 7

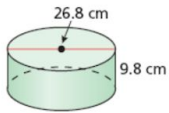
Find the volume of the cylinder. Round your answer to the nearest hundredth.



The volume is about cubic feet.

Exercise 8

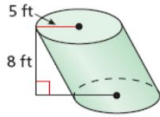
Find the volume of the cylinder. Round your answer to the nearest hundredth.



The volume is about cubic centimeters.

Exercise 9

Find the volume of the cylinder. Round your answer to the nearest hundredth.



The volume is about cubic feet.

Exercise 15

Describe the error in finding the volume of the cylinder.

$V = 2\pi rh$
 $= 2\pi(4)(3)$
 $= 24\pi$

So, the volume of the cylinder is 24π cubic feet.

- The radius of the base should be doubled in the formula.
- The height of the cylinder should be squared in the formula.
- The radius of the base was used instead of the diameter of the base.
- The circumference of the base was used instead of the area of the base.

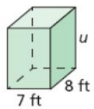
Correct the error. Write your answer in terms of π .

The volume of the cylinder is cubic feet.

Exercise 17

Find the missing dimension of the prism.

$$\text{Volume} = 560 \text{ ft}^3$$

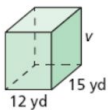


$$u = \text{ ft}$$

Exercise 18

Find the missing dimension of the prism.

$$\text{Volume} = 2700 \text{ yd}^3$$

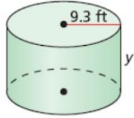


$$v = \text{ yd}$$

Exercise 21

Find the missing dimension of the cylinder. Round your answer to the nearest hundredth.

$$\text{Volume} = 3000 \text{ ft}^3$$



The missing dimension is about feet.

Exercise 22

Find the missing dimension of the cylinder. Round your answer to the nearest hundredth.

$$\text{Volume} = 1696.5 \text{ m}^3$$

