

**BEFORE BEGINNING THIS MODULE, MAKE SURE YOU ARE ONLY USING THE MOZILLA FIREFOX OR GOOGLE CHROME BROWSER. DO NOT USE INTERNET EXPLORER!!**



**PLEASE READ ALL DIRECTIONS CAREFULLY!!**

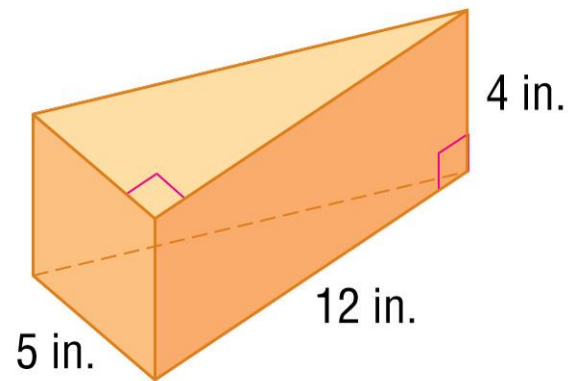
Today you will begin/complete a module, but first a few computer lab norms:

- 1) NO FOOD OR DRINK IN THE LAB
- 2) NO CELL PHONES – ZERO TOLERANCE!
- 3) NO MUSIC WEBSITES OF ANY SORT
- 4) **DO NOT TOUCH ANYTHING BESIDES THE COMPUTER STATION YOU'RE USING**
- 5) NO LOUD TALKING
- 6) BE MINDFUL OF POWER CORDS

# WARM UP – 5 MINUTES

TO BE COMPLETED ON YOUR WARM UP PAPER.

1. Find the volume of the prism. Round to the nearest tenth if necessary.



2. Classify the prism.

# 12-4 Volumes of Prisms and Cylinders (Pg.847)

## ONLINE MODULE

Thursday, April 14, 2016

### TARGETS

- Find volumes of prisms.
- Find volumes of cylinders.

**Note: You can access pages 847-849 under the textbook section of the class website\*\***



## Content Standards

**G-GMD.1** Give an informal argument for the formulas for the circumference of a circle, area of a circle, volume of a cylinder, pyramid, and cone. *Use dissection arguments, Cavalieri's principle, and informal limit arguments.*

**G-GMD.3** Use volume formulas for cylinders, pyramids, cones, and spheres to solve problems.

## Mathematical Practices

- 1 Make sense of problems and persevere in solving them.
- 2 Reason abstractly and quantitatively.
- 5 Use appropriate tools strategically.
- 6 Attend to precision.
- 8 Look for and express regularity in repeated reasoning.

# Essential Question:

In what ways can geometric figures be used to understand real-world problems?

## Completing the Module

**Step 1)** Click on the links below to watch the following videos in their entirety.

\*[How Much Mulch For My Yard](#)

\*[Volume of a Pentagonal Prism](#)

\*[Volume of a Cylinder](#)

\*[Displacement](#)

**Step 2)** Pick up the **Online Module Packet** once you have finished viewing all videos. Show all work **DIRECTLY** in the packet, hand in completed packets.

**Unfinished packets become homework, due Friday, 04/15/2016.**

**Closure****BE READY FOR A QUIZ ON FRIDAY**

- 1) Check your work area before you leave.
- 2) Close all computer programs, but do log off.
- 3) Return all calculators.
- 4) Take your personal belongings.

**HAVE A GREAT DAY!**