

Geometry 1.7

*8th grade standard

Identify and name 3-D figures

Find surface area and volume*

surface area

volume

formulas

whiteboards

Quiz today 1.5-1.6

Quiz FRI. 1.7

Mon. (?) Test Ch. 1

Poster project due Mon.
(partners)
1/2 test grade

Planning today
Work in-class on Thurs. after
video & Fri. (after quiz)

Requirements: (see handout)
Scoring: (50 pts.)

Prism & Cylinder:

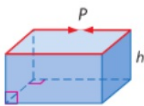

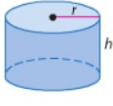
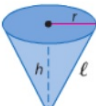
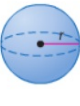
SA =
V =

Pyramid & Cone:

SA =
V =

Sphere:

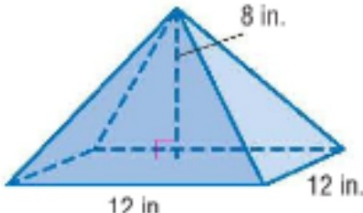
SA =
V =

Key Concept Surface Area and Volume				
Prism	Regular Pyramid	Cylinder	Cone	Sphere
				

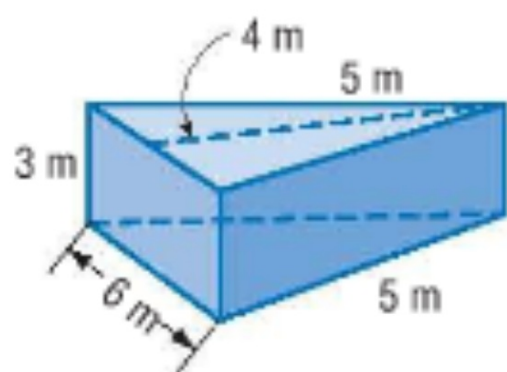
How many formulas do you want to memorize?

whiteboards

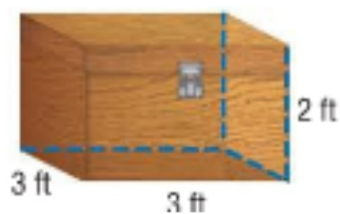
39.



41.



42. **BUILDING** Chris is building a trunk like the one shown below. His design is a square prism. What is the volume of the trunk?



One picture is worth 1000 words...

43. **HOCKEY** A regulation hockey puck is a cylinder made of vulcanized rubber 1 inch thick and 3 inches in diameter. Find the surface area and volume of a hockey puck.