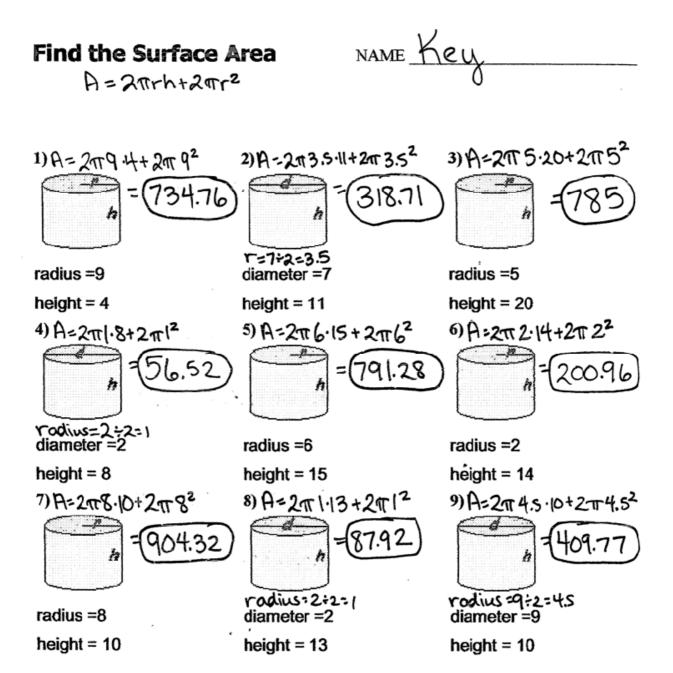
May 27, 2011

We only have single digit days left of school!

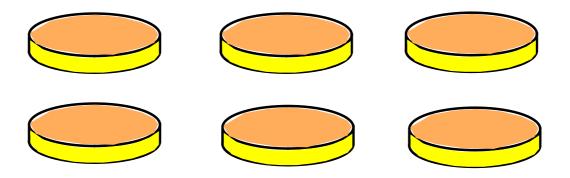
Today's Agenda ~ Correct Surface Area of Cylinders worksheet Cylinder Volume notes

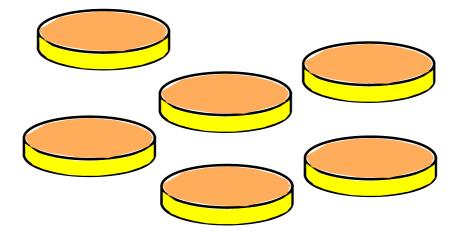
Homework: Cylinder Volume worksheet

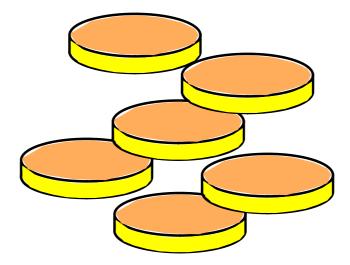


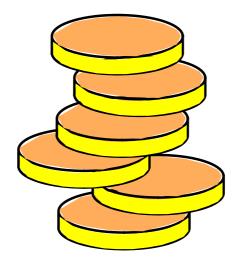
Surface Area of a cylindrical prism	
	Work Space
Find the surface area of a cylindrical prism with radius 5 cm and height 8 cm.	A=2175.8+2752
Answer: 408.2cm ²	·.
Diameter and height of a cylinder is 5 feet and 12 feet respectively. Find the surface area of a cylinder.	D=5ft R=s+2=2.5 H=12ft
	A=2112.5(12) +2112.52
Answer: 227.65ft ²	
Radius = 3.2 yard; Height = 7 yard. Find the surface area of a cylinder.	$A = 2\pi 3.2 \cdot 7 + 2\pi 3.2^2$
Answer: 204.98 yd ²	
Find the surface area of a cylindrical prism with diameter 6 inches and height `7.5 inches.	D=binches R=6+2=3 H=7.5inches
	$A = 2\pi 3.7.5 + 2\pi 3^2$
Answer: 197.82in2	
Find the surface area of a cylindrical tank with radius 4 ft and height 7.2 feet. Round the answer to the nearest hundredth place.	A=2774.7.2+27742
Answer: 281.34 F+2	

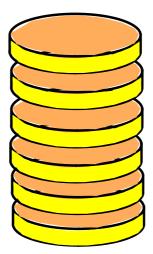
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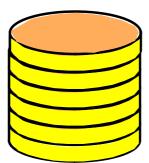




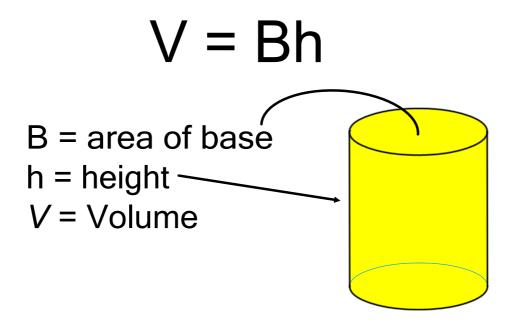


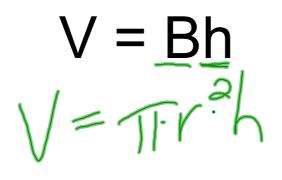






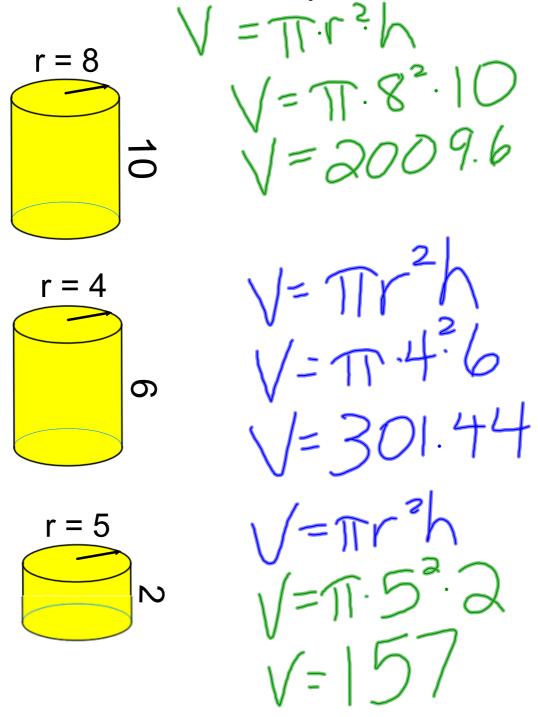
To find the Volume of a Cylinder, use this formula





So let's practice...

Find the volume of these cylinders.



Homework: Cylinder Volume worksheet