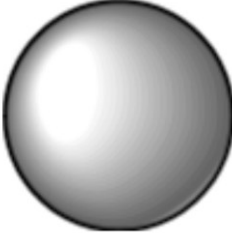
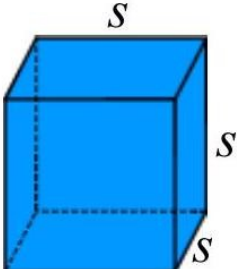
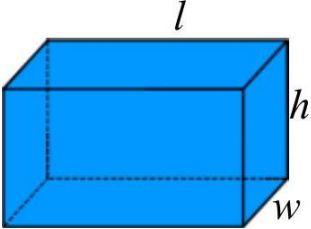
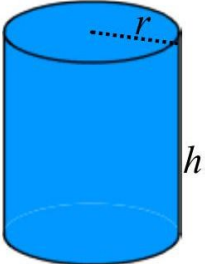


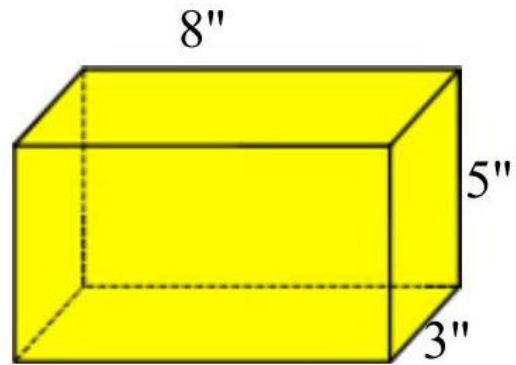
Math 1030 #17c
Fundamentals of Geometry
3-D Geometry

A Few Formulas

	Surface Area	Volume
	$S = 4\pi r^2$	$V = 4/3\pi r^3$
	$S =$ sum of area of all sides	$V = Bh$ (area of the base•height)
		
		
		

EX 2:

I want to fill this box with skittles for a gift.



- a) How much paper will it take to just cover the box (in square inches)?

- b) How many skittles will it hold, assuming there are 32 skittles per cubic inch?

- c) If I want to tape the box in all three directions, how much tape will it take?

