Formula Sheet

area of a circle = Πr^2
area of a triangle = $\frac{baseXheight}{2}$

area of a rectangle or square = length X width

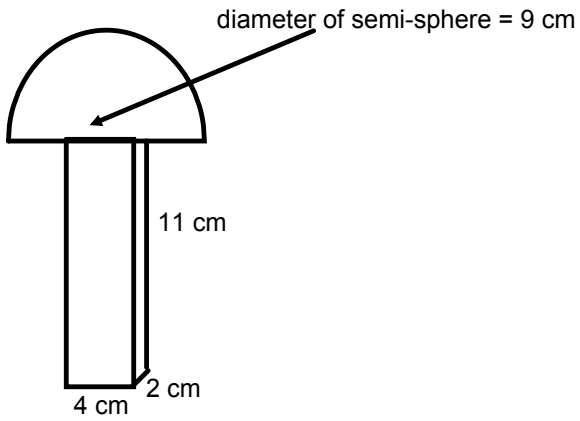
surface area of a cylinder = 2 X $\Pi r^2 + 2\Pi r$Xheight
surface area of a rectangular prism = add up areas of all rectangular sides
surface area of a square prism(cube) = add up areas of all square sides
surface area of a triangular prism = add up areas of all sides
surface area of a sphere = $4\Pi r^2$

volume of any shape = BASE AREA X HEIGHT (or length)
volume of a cylinder = Πr^2 X height
volume of a rectangular prism = length X width X height
volume of a square prism = side^3
volume of a triangular prism = length X $\frac{baseXheight}{2}$
volume of a sphere = $\frac{4}{3}\pi r^3$

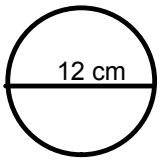
volume of any shape turned into a pyramid = regular volume divided by 3

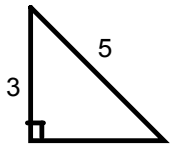
surface area of a cone = $\Pi r^2 + \Pi r$L, L is the length of the slant of the side of the cone

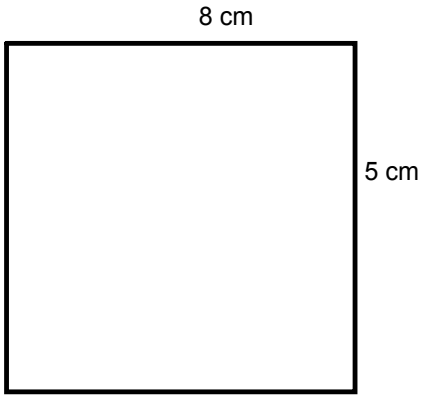
Please find the volume and surface area of the following shape:



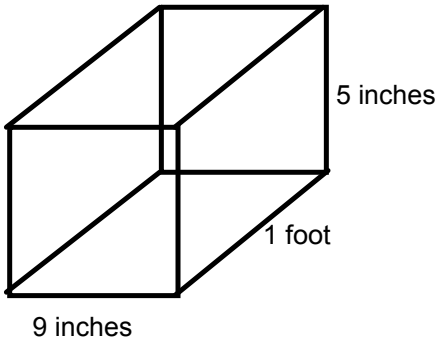
Please find the area of each shape:

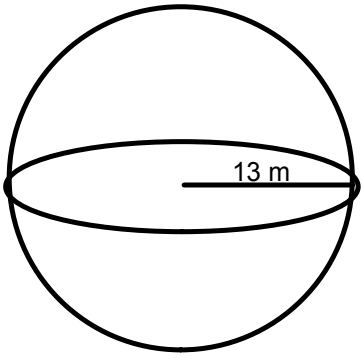




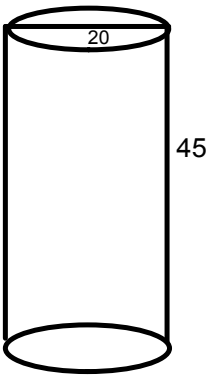


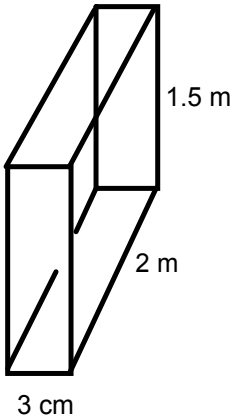
Please find the volume of each shape:



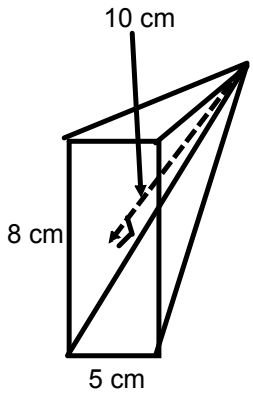


Please find the surface area of the following:





Please find Volume and surface area of the following rectangular pyramid:



Please find the surface area and volume of a soup can with height of 6 cm and a diameter of 3 cm

Please find the surface area and volume of a toilet paper roll with length 6 cm and diameter 2 cm