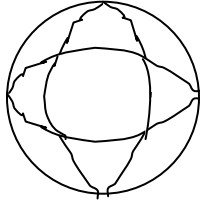
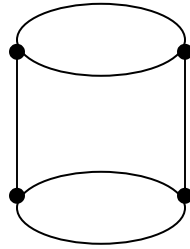


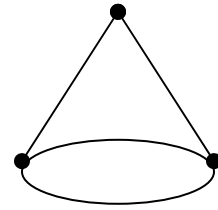
Measures1 Surface Area & Volume 1 B
Surface Area & Volume of the Six Basic 3D Images of Plane Euclidean Geometry.
 All answers for Surface Area & Volume must have the correct labels.



R = 5ft

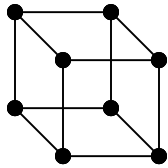


R = 3ft H = 5ft

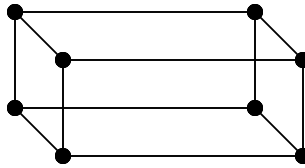


R=5ft S = 7ft H = 4ft

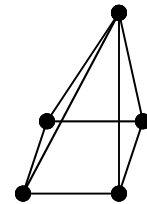
<p>Sphere: $TSA = 4\pi \times (\text{radius})^2$</p> <p>Total Surface Area = $4 \pi R^2$</p> <p>-----</p> <p>Sphere: $V = (4/3)\pi \times (\text{radius})^3$</p> <p>Volume = $4/3 \pi R^3$</p>	<p>Cylinder: $TSA = 2\pi \times (\text{radius})^2 + CxH$</p> <p>TSurface Area = $2 \pi R^2 + CxH$</p> <p>-----</p> <p>Cylinder: $V = \text{base area} \times \text{height}$</p> <p>Volume = $(\pi R^2) \times H$</p>	<p>Cone: $TSA = \pi(\text{radius})^2 + \frac{1}{2} CxS$</p> <p>TSurface Area = $\pi R^2 + \frac{1}{2} CxS$</p> <p>-----</p> <p>Cone: $V = (1/3) \times \text{base area} \times \text{height}$</p> <p>Volume = $1/3 \pi R^2 H$</p>
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S = 3 in



L = 3in W= 5in H = 4in



B = 4in S = 8in H = 6in

<p>Cube: $TSA = 6 (\text{side length})^2$</p> <p>Total Surface Area = $6xS^2$</p> <p>-----</p> <p>Cube: $V = (\text{side length})^3$</p> <p>Volume = S^3</p>	<p>Prism: $TSA = (FxB)^2 + (TxB)^2 + (RxL)^2$</p> <p>TSurface Area = $2LW + 2HL + 2HW$</p> <p>-----</p> <p>Prism: $V = \text{base area} \times \text{height}$</p> <p>Volume = $L \times W \times H$</p>	<p>Pyramid: $TSA = \text{base area} + 4(\text{TriangleAreas})$</p> <p>TSurface Area = $B^2 + 4(1/2xBxS)$</p> <p>-----</p> <p>Pyramid: $V = (1/3) \times \text{base area} \times \text{height}$</p> <p>Volume = $1/3 B^2 \times H$</p>
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