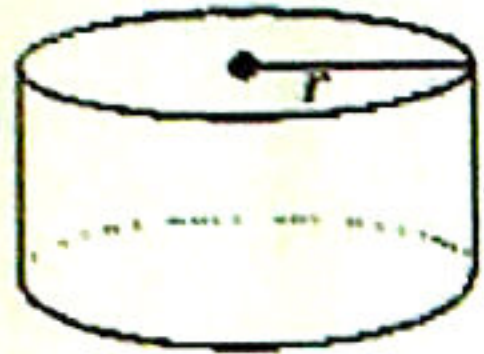

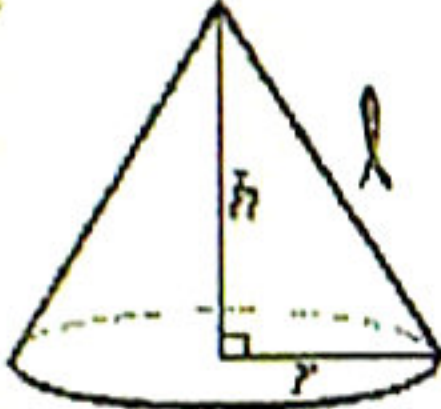
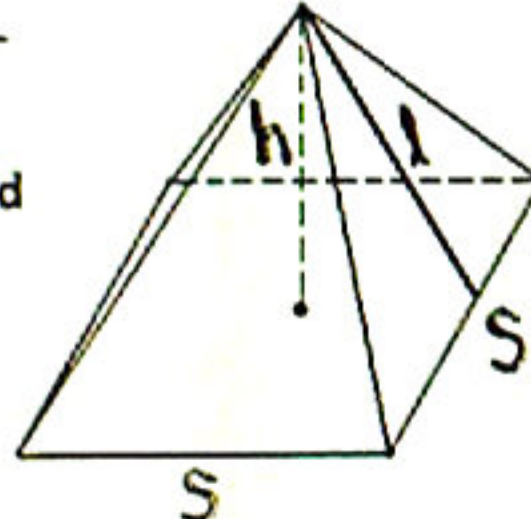
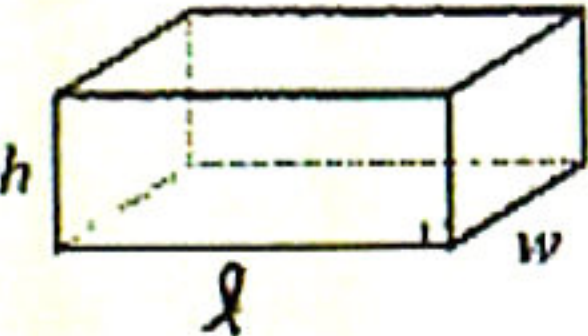
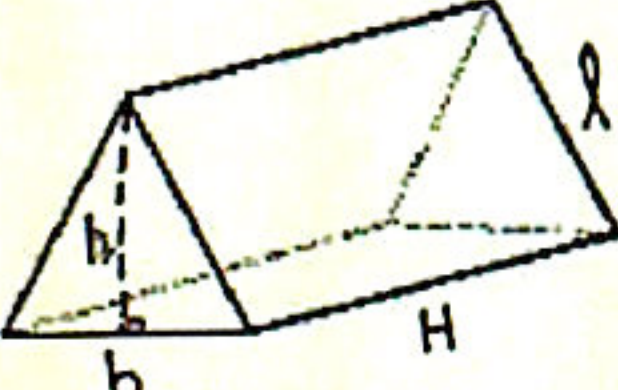


| Geometric Figure | Surface Area | Volume |
|---|--|-----------------------------|
| <p>Cylinder</p>  | $SA = \underbrace{2\pi r^2}_{\text{Area of the circles}} + \underbrace{2\pi r h}_{\text{Area of the "side"}}$ | $V = \pi r^2 h$ |
| <p>Sphere</p>  | $SA = 4\pi r^2$ | $V = \frac{4}{3}\pi r^3$ |
| <p>Cone</p>  | $SA = \underbrace{\pi r^2}_{\text{Area of the circle}} + \underbrace{\pi r l}_{\text{Area of the unfolded cone}}$ | $V = \frac{1}{3}\pi r^2 h$ |
| <p>Square-based Pyramid</p>  | $SA = \underbrace{4\left(\frac{1}{2}sl\right)}_{\text{Area of the four triangles}} + \underbrace{s^2}_{\text{Area of the square base}}$ | $V = \frac{1}{3}s^2 h$ |
| <p>Rectangular prism</p>  | $SA = \underbrace{2lw}_{\text{Area of Top \& Bottom}} + \underbrace{2wh}_{\text{Area of left and right}} + \underbrace{2lh}_{\text{Area of front and back}}$ | $V = l \cdot w \cdot h$ |
| <p>triangular prism</p>  | $SA = \text{add the area of all the faces}$ | $V = \frac{1}{2}bh \cdot H$ |