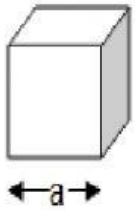
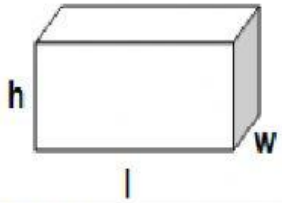
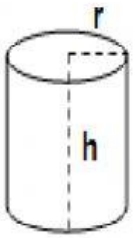
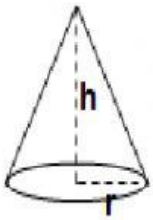
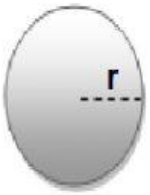
# Volume formula worksheet

## Match the following

| Figure | Variables |
|---|---|
| **Cube**   | a = length of edge |
| **Rectangular prism**   | l = length<br>w = width<br>h = height |
| **Cylinder**   | r = radius of circular face<br>h = height |
| **Cone**   | r = radius of circular base<br>h = height from tip to base |
| **Sphere**   | r = radius |

$lwh$

$\frac{1}{3}\pi r^2 h$

$a^3$

$\frac{4}{3}\pi r^3$

$\pi r^2 h$

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