Surface Areas and Volumes

Drag and Drop the formulae at the right place-(SK Solutions)

3D SHAPES		LSA/CSA	TSA	VOLUME
Sides l,b,h	CUBOID			
Side a	CUBE			
Radius=r,height=h	CYLINDER			
Radius=r,height=h Slant height l	CONE			
Radius=r	SPHERE			
Radius=r	HEMI SPHERE			

Answer

$2\pi r^2$	πrl	$\frac{2}{3}\pi r^3$
$\pi r(l+r)$	$2\pi rh$	$4a^2$
$6a^2$	$3\pi r^2$	$\frac{1}{3}\pi r^2 h$
$2h(l+b)$	$4\pi r^2$	lbh
$2\pi r(h+r)$	a^3	$\frac{4}{3}\pi r^3$
$\pi r^2 h$	$2(lb+bh+lh)$	