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	$\frac{4}{3}\pi r^3$
$\pi r^2 h$	$2(lb+bh+lh)$	

LIVEWORKSHEETS