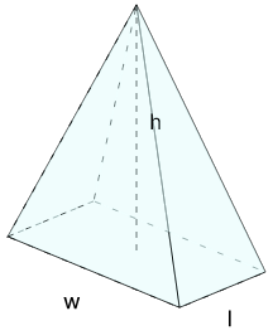
Math worksheet on *'Surface Area - All - Image to Formula (Level 1)'*. Part of a broader unit on *'Geometry - Volume and Surface Area of Complex 3D Shapes - Intro'*

Learn online: app.mobius.academy/math/units/geometry_cylinders_intro/

1

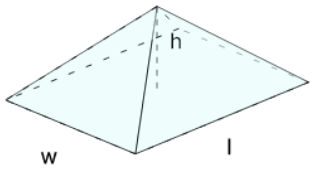


What is the formula for the surface area of this Rectangular Pyramid?

a $SA = \pi r(r + \sqrt{h^2 + r^2})$

b $SA = lw + l\sqrt{(\frac{w}{2})^2 + h^2} + w\sqrt{(\frac{l}{2})^2 + h^2}$

2



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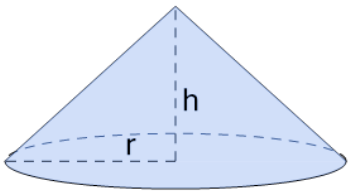
3

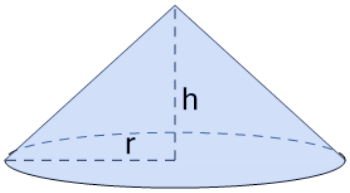


What is the formula for the surface area of this Cone?

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

b $SA = \pi r(r + \sqrt{h^2 + r^2})$

4



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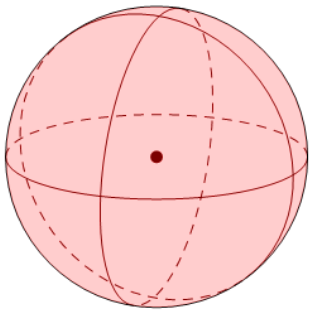
b $SA = \pi r(r + \sqrt{h^2 + r^2})$

5

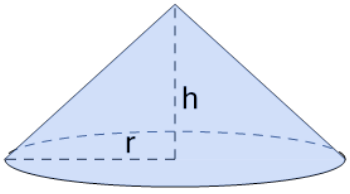


What is the formula for the surface area of this Sphere?

a $SA = \pi r(r + \sqrt{h^2 + r^2})$

b $SA = 4\pi r^2$

6

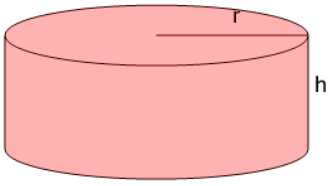


What is the formula for the surface area of this Cone?

a $SA = \pi r(r + \sqrt{h^2 + r^2})$

b $SA = 2\pi rh + 2\pi r^2$

7



What is the formula for the surface area of this Cylinder?

a $SA = \pi r^2 h$

b $SA = 2\pi rh + 2\pi r^2$