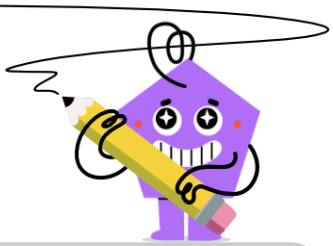
Name

Surface Area - All - Words to Formula



1 What is the formula for the surface area of this shape? A Cone with radius 4 and a height of 2

A

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

B

$SA = 4\pi r^2$

2 What is the formula for the surface area of this shape? A Sphere with radius 5

A

$SA = 4\pi r^2$

B

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

3 What is the formula for the surface area of this shape? A Cylinder with radius 2 and height 3

A

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

B

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

4 What is the formula for the surface area of this shape? A Rectangular Pyramid with a base of 5 by 3 and a height of 2

A

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

B

$SA = 4\pi r^2$

5 What is the formula for the surface area of this shape? A Sphere with radius 3

A

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

B

$SA = 4\pi r^2$

6 What is the formula for the surface area of this shape? A Cone with radius 3 and a height of 2

A

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

B

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

7 What is the formula for the surface area of this shape? A Rectangular Pyramid with a base of 4 by 2 and a height of 3

A

$SA = \frac{lwh}{3}$

B

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

8 What is the formula for the surface area of this shape? A Rectangular Pyramid with a base of 3 by 5 and a height of 4

A

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

B

$SA = \frac{lwh}{3}$