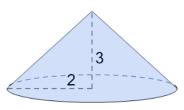


## mobius

## Surface Area - Cone - Image to Pi Value





What is the surface area of this Cone?

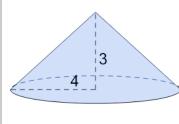


$$\stackrel{\mathsf{A}}{SA} = \pi \cdot 3 \cdot (3 + \sqrt{2^2 + 3^2})$$

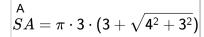
$$\begin{array}{c} \mathsf{B} \\ SA \end{array}$$

$$SA = \pi \cdot 2 \cdot (2 + \sqrt{3^2 + 2^2})$$

2

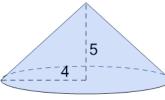


What is the surface area of this Cone?



$$SA=\pi\cdot 4\cdot (4+\sqrt{3^2+4^2})$$

3



What is the surface area of this Cone?

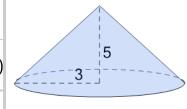


$$SA=\pi\cdot 5\cdot (5+\sqrt{4^2+5^2})$$

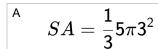
$$\stackrel{\mathsf{B}}{SA}=$$

$$SA = \pi \cdot 4 \cdot (4 + \sqrt{5^2 + 4^2})$$

4

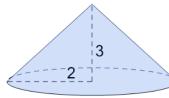


What is the surface area of this Cone?



$$SA = \pi \cdot 3 \cdot (3 + \sqrt{5^2 + 3^2})$$

5



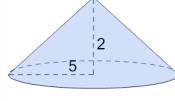
What is the surface area of this Cone?



$$\overset{ ext{A}}{S}A=2\pi\cdot 2\cdot 3+2\pi 2^2$$

$$SA = \pi \cdot 2 \cdot (2 + \sqrt{3^2 + 2^2})$$

6

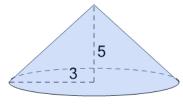


What is the surface area of this Cone?

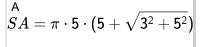
$$SA = \pi \cdot 5 \cdot (5 + \sqrt{2^2 + 5^2})$$

$$SA=\pi\cdot 2\cdot (2+\sqrt{5^2+2^2})$$

7

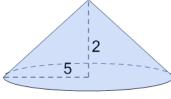


What is the surface area of this Cone?



$$SA = \pi \cdot 3 \cdot (3 + \sqrt{5^2 + 3^2})$$

8



What is the surface area of this Cone?

$$SA=rac{1}{3}2\pi 5^2$$

$$SA=\pi\cdot 5\cdot (5+\sqrt{2^2+5^2})$$