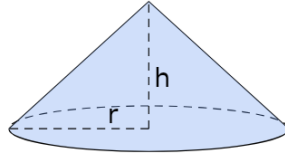




Calculate the surface area of cones

1

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



A

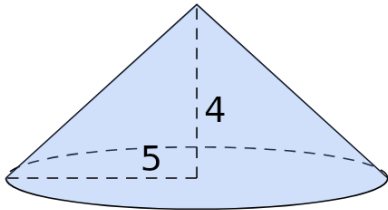
$$SA = 2\pi rh + 2\pi r^2$$

B

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

2

What is the surface area of this Cone?



A

183.17

B

179.12

3

A Cone with radius 5 and a height of 2

A

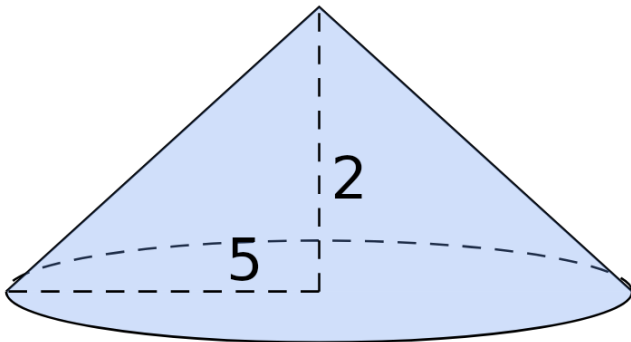
$$SA = \pi \cdot 5 \cdot (5 + \sqrt{2^2 + 5^2})$$

B

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

4

What is the surface area of this Cone?



A

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

B

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

5

A Cone with radius 4 and a height of 2

A

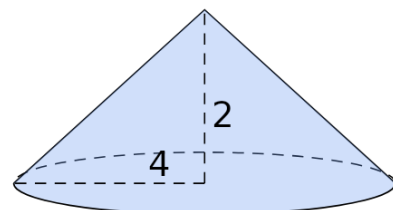
106.46

B

105.11

6

What is the surface area of this Cone?



A

106.46

B

109.16



Calculate the surface area of cones

7

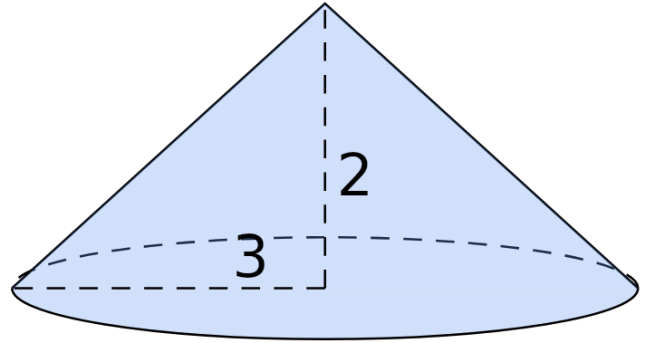
A Cone with radius 4 and a height of 3

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

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

8

What is the surface area of this Cone?



A

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

B

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

9

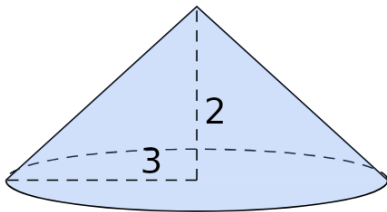
A Cone with radius 5 and a height of 2

A 163.13

B 161.78

10

What is the surface area of this Cone?



A 62.26

B 60.91

11

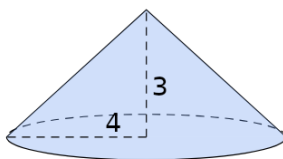
A Cone with radius 5 and a height of 4

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

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

12

What is the surface area of this Cone?



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

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