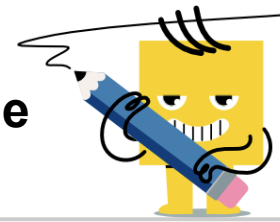
Name

Surface Area - Cone - Words to Pi Value



1 What is the surface area of this shape? A Cone with radius 5 and a height of 3

A

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

B

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

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

A

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

B

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

3 What is the surface area of this shape? A Cone with radius 4 and a height of 3

A

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

B

4 What is the surface area of this shape? A Cone with radius 3 and a height of 5

A

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

B

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

5 What is the surface area of this shape? A Cone with radius 5 and a height of 4

A

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

B

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

6 What is the surface area of this shape? A Cone with radius 2 and a height of 5

A

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

B

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

7 What is the surface area of this shape? A Cone with radius 5 and a height of 2

A

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

B

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

8 What is the surface area of this shape? A Cone with radius 3 and a height of 4

A

$$SA = 4\pi \cdot 3^2$$

B

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