Name

Volume - Cone - Words to Pi Value

1 What is the volume of this shape? A Cone with radius 2 and a height of 5

A

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

B

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

2 What is the volume of this shape? A Cone with radius 5 and a height of 3

A

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

B

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

3 What is the volume of this shape? A Cone with radius 5 and a height of 2

A

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

B

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

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

A

$$V = \frac{1}{3}3\pi 4^2$$

B

$$V = \frac{1}{3}4\pi 3^2$$

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

A

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

B

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

6 What is the volume of this shape? A Cone with radius 2 and a height of 4

A

$$V = \frac{1}{3}4\pi 2^2$$

B

$$V = \frac{2 \cdot 3 \cdot 4}{3}$$

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

A

$$V = \frac{1}{3}4\pi 5^2$$

B

$$V = \frac{1}{3}5\pi 4^2$$

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

A

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

B

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