Name

Volume - Cylinder - Words to Pi Value

1 What is the volume of this shape? A Cylinder with radius 5 and height 3

A

$$V = \pi \cdot 3^2 \cdot 5$$

B

$$V = \pi \cdot 5^2 \cdot 3$$

2 What is the volume of this shape? A Cylinder with radius 5 and height 2

A

$$V = \pi \cdot 2^2 \cdot 5$$

B

$$V = \pi \cdot 5^2 \cdot 2$$

3 What is the volume of this shape? A Cylinder with radius 5 and height 4

A

$$V = \pi \cdot 4^2 \cdot 5$$

B

$$V = \pi \cdot 5^2 \cdot 4$$

4 What is the volume of this shape? A Cylinder with radius 4 and height 2

A

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

B

$$V = \pi \cdot 4^2 \cdot 2$$

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

A

$$V = 2\pi \cdot 2 \cdot 3 + 2\pi 2^2$$

B

$$V = \pi \cdot 2^2 \cdot 3$$

6 What is the volume of this shape? A Cylinder with radius 4 and height 5

A

$$V = \pi \cdot 4^2 \cdot 5$$

B

$$V = \pi \cdot 5^2 \cdot 4$$

7 What is the volume of this shape? A Cylinder with radius 2 and height 5

A

$$V = \pi \cdot 5^2 \cdot 2$$

B

$$V = \pi \cdot 2^2 \cdot 5$$

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

A

$$V = 2\pi \cdot 3 \cdot 2 + 2\pi 3^2$$

B

$$V = \pi \cdot 3^2 \cdot 2$$