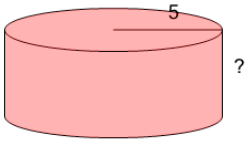
Name

Volume of a Cylinder - Calculate Prism Side (Pi Ratio) from Volume and Sides

1 What is the length of the missing side of this Cylinder?

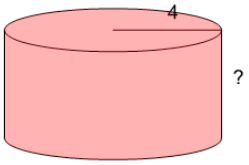


V=100

A $4 \cdot \pi$ B $\frac{13}{\pi}$ C $\frac{4}{\pi}$

D $2 \cdot \pi$ E 4 F $\frac{6}{\pi}$

2 What is the length of the missing side of this Cylinder?

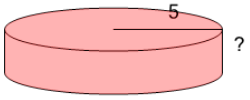


V=64

A $4 \cdot \pi$ B $\frac{4}{\pi}$ C $1 \cdot \pi$

D 4 E 3 F $\frac{3}{\pi}$

3 What is the length of the missing side of this Cylinder?

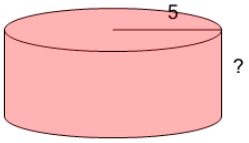


V=50

A 7 B $\frac{1}{\pi}$ C 2

D $4 \cdot \pi$ E $\frac{2}{\pi}$ F $2 \cdot \pi$

4 What is the length of the missing side of this Cylinder?

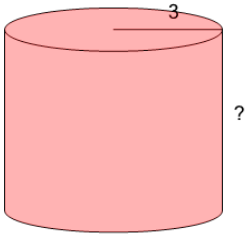


V=100

A $6 \cdot \pi$ B $\frac{1}{\pi}$ C $4 \cdot \pi$

D $\frac{4}{\pi}$ E 4 F $13 \cdot \pi$

5 What is the length of the missing side of this Cylinder?

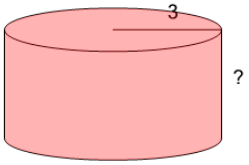


V=45

A 2 B $\frac{5}{\pi}$ C 5

D $\frac{1}{\pi}$ E $5 \cdot \pi$

6 What is the length of the missing side of this Cylinder?

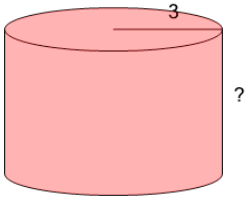


V=27

A $\frac{3}{\pi}$ B $4 \cdot \pi$ C $\frac{8}{\pi}$

D $3 \cdot \pi$ E $\frac{7}{\pi}$ F 3

7 What is the length of the missing side of this Cylinder?

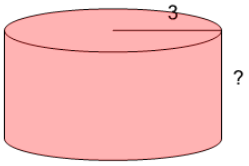


V=36

A $4 \cdot \pi$ B 12 C $\frac{4}{\pi}$

D 4 E 8

8 What is the length of the missing side of this Cylinder?



V=27

A $\frac{3}{\pi}$ B $3 \cdot \pi$ C $\frac{1}{\pi}$

D $\frac{7}{\pi}$ E 3 F $\frac{5}{\pi}$