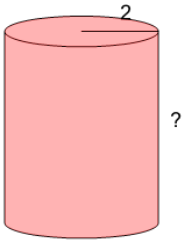
mobius

Math worksheet on *'Volume of a Cylinder - Calculate Prism Side (Pi Ratio) from Volume and Sides (Level 1)'*. Part of a broader unit on *'Geometry - Cylinders - Intro'*

Learn online: app.mobius.academy/math/units/geometry_cylinders_intro/

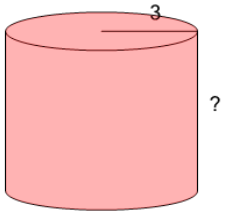
1 What is the length of the missing side of this Cylinder?



V=20

a	b	c
$\frac{5}{\pi}$	$5 \cdot \pi$	5
d	**e**	**f**
$\frac{8}{\pi}$	$7 \cdot \pi$	$\frac{11}{\pi}$

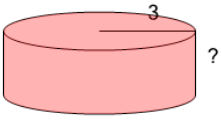
2 What is the length of the missing side of this Cylinder?



V=45

a	b	c
$\frac{5}{\pi}$	$5 \cdot \pi$	$\frac{12}{\pi}$
d	**e**	**f**
5	9	10

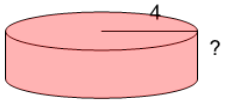
3 What is the length of the missing side of this Cylinder?



V=18

a	b	c
7	2	10
d	**e**	**f**
$\frac{2}{\pi}$	$\frac{4}{\pi}$	$2 \cdot \pi$

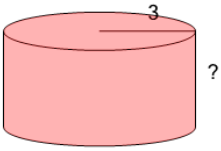
4 What is the length of the missing side of this Cylinder?



V=32

a	b	c
$9 \cdot \pi$	5	2
d	**e**	**f**
$\frac{6}{\pi}$	$\frac{2}{\pi}$	$2 \cdot \pi$

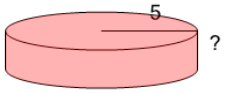
5 What is the length of the missing side of this Cylinder?



V=27

a	b	c
$3 \cdot \pi$	$\frac{5}{\pi}$	$\frac{1}{\pi}$
d	**e**	**f**
$\frac{6}{\pi}$	3	$\frac{3}{\pi}$

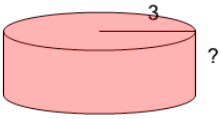
6 What is the length of the missing side of this Cylinder?



V=50

a	b	c
$\frac{5}{\pi}$	$2 \cdot \pi$	$\frac{11}{\pi}$
d	**e**	**f**
2	$\frac{2}{\pi}$	$1 \cdot \pi$

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



V=18

a	b	c
2	$\frac{1}{\pi}$	$10 \cdot \pi$
d	**e**	**f**
3	$\frac{2}{\pi}$	$2 \cdot \pi$