

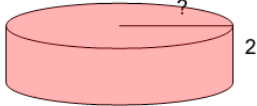


Math worksheet on 'Volume of a Cylinder - Calculate Circle Radius from Volume and Sides (Level 1)'. Part of a broader unit on 'Geometry - Volume and Surface Area of Complex 3D Shapes - Advanced'

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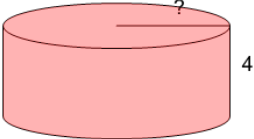
2 What is the length of the missing side of this Cylinder?



$V=32\pi$

a	1	b	5	c	$\frac{1}{\pi}$
d	$4 \cdot \pi$	e	4	f	$\frac{4}{\pi}$

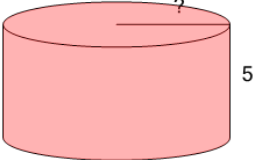
1 What is the length of the missing side of this Cylinder?



$V=100\pi$

a	5	b	$\frac{5}{\pi}$	c	$13 \cdot \pi$
d	$5 \cdot \pi$	e	1	f	$14 \cdot \pi$

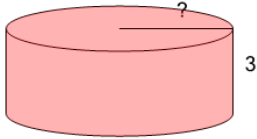
3 What is the length of the missing side of this Cylinder?



$V=125\pi$

a	5	b	$5 \cdot \pi$	c	$\frac{5}{\pi}$
d	$13 \cdot \pi$	e	$\frac{4}{\pi}$	f	4

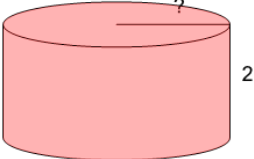
4 What is the length of the missing side of this Cylinder?



$V=48\pi$

a	3	b	4	c	$\frac{4}{\pi}$
d	$4 \cdot \pi$	e	$2 \cdot \pi$	f	$10 \cdot \pi$

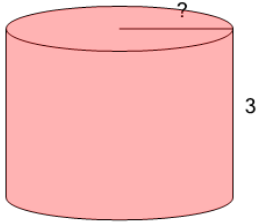
5 What is the length of the missing side of this Cylinder?



$V=8\pi$

a	$\frac{2}{\pi}$	b	3	c	$\frac{5}{\pi}$
d	$5 \cdot \pi$	e	$2 \cdot \pi$	f	2

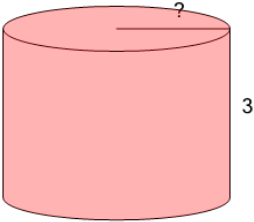
6 What is the length of the missing side of this Cylinder?



$V=12\pi$

a	2	b	8	c	$8 \cdot \pi$
d	7	e	$2 \cdot \pi$	f	$\frac{2}{\pi}$

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



$V=12\pi$

a	$\frac{6}{\pi}$	b	$9 \cdot \pi$	c	$\frac{2}{\pi}$
d	$2 \cdot \pi$	e	$\frac{3}{\pi}$	f	2