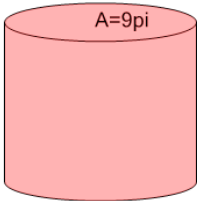




Math worksheet on 'Volume of a Cylinder - Calculate Side from Volume and Base Area (Level 1)'. Part of a broader unit on 'Geometry - Volume Logic with 3D Shapes - Intro'

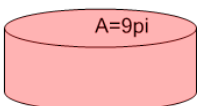
Learn online: [app.mobius.academy/math/units/geometry\\_volume\\_logic\\_intro/](http://app.mobius.academy/math/units/geometry_volume_logic_intro/)

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



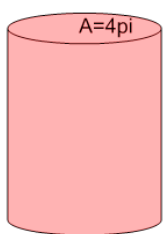
a	b	c
14	$\frac{5}{\pi}$	$2 \cdot \pi$
d	e	f
$5 \cdot \pi$	$\frac{1}{\pi}$	5

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



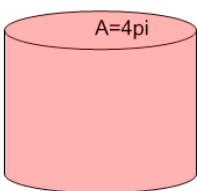
a	b	c
$2 \cdot \pi$	$\frac{7}{\pi}$	$\frac{2}{\pi}$
d	e	f
2	$\frac{3}{\pi}$	$5 \cdot \pi$

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



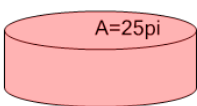
a	b	c
5	$\frac{9}{\pi}$	$5 \cdot \pi$
d	e	f
$\frac{10}{\pi}$	$\frac{5}{\pi}$	$1 \cdot \pi$

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



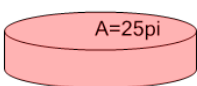
a	b	c
$\frac{3}{\pi}$	$11 \cdot \pi$	3
d	e	f
$3 \cdot \pi$	$1 \cdot \pi$	$\frac{2}{\pi}$

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



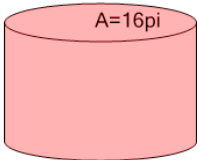
a	b	c
$11 \cdot \pi$	$3 \cdot \pi$	$10 \cdot \pi$
d	e	f
$\frac{8}{\pi}$	3	$\frac{3}{\pi}$

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



a	b	c
8	2	$10 \cdot \pi$
d	e	f
6	$2 \cdot \pi$	$\frac{2}{\pi}$

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



a	b	c
$12 \cdot \pi$	5	$5 \cdot \pi$
d	e	f
$3 \cdot \pi$	$\frac{1}{\pi}$	$\frac{5}{\pi}$