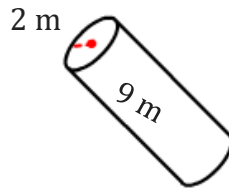# Surface Area of a Cylinder

Name:_____   Date:_____

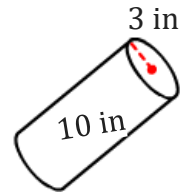To find the surface area of a cylinder. (A $= 2\pi rh + 2\pi r^2$)

1)   2 m
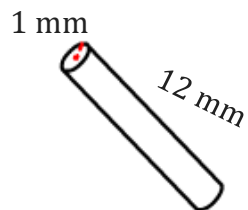
9 m

A=
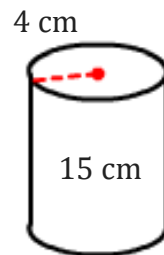_____

2)   3 in

10 in

A=
_____

3)   1 mm

12 mm

A=
_____

4)   4 cm

15 cm

A=
_____

5)   2 ft

11 ft
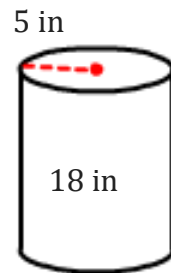
A=
_____

6)   5 in

18 in
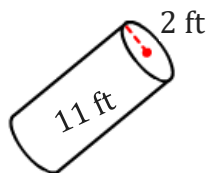
A=
_____

7)   Calculate the surface area of a cylinder if the height is 21 yd and the radius is 6 yd.

_____

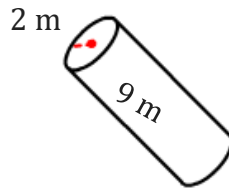8)   If the diameter of a cylinder is 8 mm, height is 18 mm then find the surface area of a cylinder?

_____

Surface Area of a Cylinder

Name:_____   Date:_____
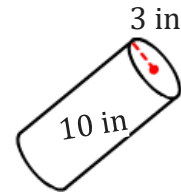
To find the surface area of a cylinder. (A =2πrh+2πr²)

1)   2 m

9 m

A= 138.23 m²

2)   3 in

10 in

A= 245.04 in²

3)   1 mm

12 mm

A= 81.68 mm²

4)   4 cm

15 cm

A= 477.52 cm²

5)   2 ft

11 ft

A= 163.36 ft²

6)   5 in

18 in
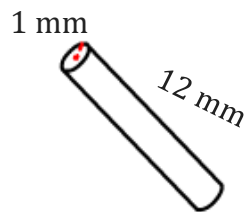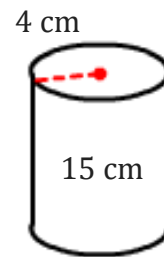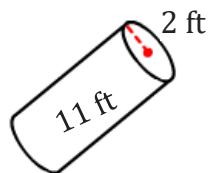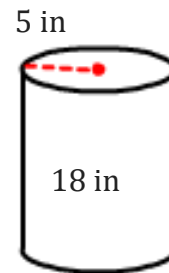
A= 722.57 in²

7)   Calculate the surface area of a cylinder if the height is 21 yd and the radius is 6 yd.

_____1017.88 m²_____

8)   If the diameter of a cylinder is 8 mm, height is 18 mm then find the surface area of a cylinder?

_____552.92 ft²_____