SURFACE AREA OF CYLINDERS WORKSHEETS

1) A cylinder will have:

    a) 3 flat faces

    b) 2 curved and 1 flat face

    c) 2 flat and 1 curved face

    d) Either b) or c)
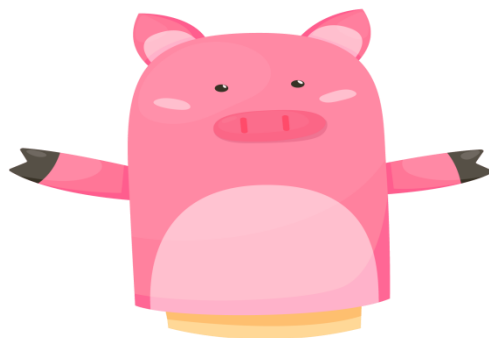
2) If the length and diameter of a cylinder are given we can find its surface area.

    a) True

    b) False

3) The difference between the surface area of a cylinder and its curved surface area will give us:

    a) Area of its base

    b) Double the area of its base

    c) Half the area of its base

    d) It is a useless quantity

4) Andrew has a toy in the shape of a cylinder. If its height is 25 inches and its radius is 12 inches. The surface area of the 3-D toy is 1500 sq inches.

    a) True

    b) False

5) Height and radius of a cylinder are 25 ft and 5 ft respectively. Its surface area is?

6) If the surface area and height of a cylindrical pipe is 678.58 sq inch and 12 inches respectively. Find its radius?

7) Height of a cylindrical container is 12 inches. If it's curved surface area is 226.2 sq inches. Then its surface area is?

8) Noha has a cylindrical can that has a height and diameter of 12 inches and 10 inches respectively. The surface area of cane is?

9) Sam has given the surface area of a cylinder is 3392.92 sq inch. If its radius and height are in the ratio of 5:7 respectively. Help him to find its radius and height.

10) Mary needs to decorate her pen stand. The pen stand is in the shape of a cylinder having dimensions as: h = 10 inches, r = 4 inches. Calculate the surface area she shall be decorating.

When you learn math in an interesting way, you never forget.

25 Million
Math classes & counting

100K+
Students learning Math the right way

20+ Countries
Present across USA, UK, Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class

ANSWERS

1)	b. 2 flat and 1 curved face
2)	True
3)	b. Double the area of its base
4)	False
5)	942.5 sq. ft
6)	6 inch
7)	282.7 sq inch
8)	534.1 sq inch
9)	r=15 h=21
10)	251.3 sq inch