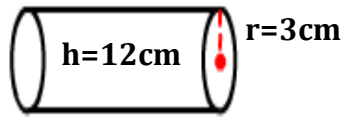


# Volume of a Cylinder

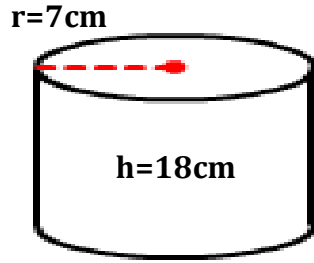
Name: \_\_\_\_\_

Date: \_\_\_\_\_

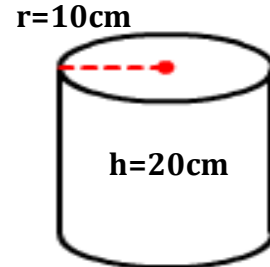
Picture below are three cylindrical tins of water. Answer the questions.



Tin 1



Tin 2



Tin 3

- 1) The height and radius of a cylinder are 12 cm and 3 cm respectively. Find the volume of tin 1.

\_\_\_\_\_

- 2) Which tin contains less water: Tin 1 or Tin 2?

\_\_\_\_\_

- 3) What is the height of tin 1?

\_\_\_\_\_

- 4) What is the volume of tin 2?

\_\_\_\_\_

- 5) Which tin contains more water: Tin 3 or Tin 1?

\_\_\_\_\_

- 6) What is the height of tin 2?

\_\_\_\_\_

- 7) Which has a greater height: Tin 2 or Tin 3?

\_\_\_\_\_

- 8) What is the volume of tin 1?

\_\_\_\_\_

- 9) A Cylinder has a radius of 7 cm and a height of 18 cm. What is the volume?

\_\_\_\_\_

- 10) Find the volume of cylinder with radius of 10 cm and a height of 20 cm.

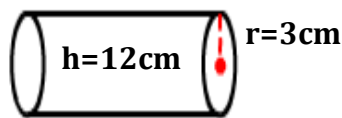
\_\_\_\_\_

# Volume of a Cylinder

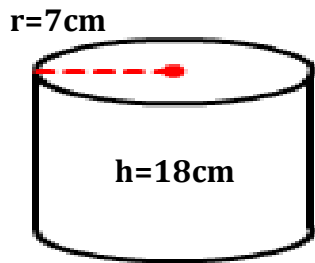
Name: \_\_\_\_\_

Date: \_\_\_\_\_

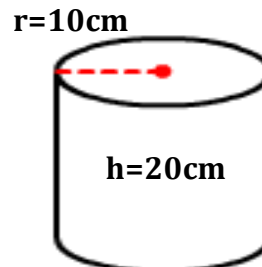
Picture below are three cylindrical tins of water. Answer the questions.



**Tin 1**



**Tin 2**



**Tin 3**

- 1) The height and radius of a cylinder are 12 cm and 3 cm respectively. Find the volume of tin 1.

339.29 cm<sup>3</sup>

- 2) Which tin contains less water: Tin 1 or Tin 2?

Tin 1

- 3) What is the height of tin 1?

12 cm

- 4) What is the volume of tin 2?

2770.88 cm<sup>3</sup>

- 5) Which tin contains more water: Tin 3 or Tin 1?

Tin 3

- 6) What is the height of tin 2?

18 cm

- 7) Which has a greater height: Tin 2 or Tin 3?

Tin 3

- 8) What is the volume of tin 1?

339.29 cm<sup>3</sup>

- 9) A Cylinder has a radius of 7 cm and a height of 18 cm. What is the volume?

2770.88 cm<sup>3</sup>

- 10) Find the volume of cylinder with radius of 10 cm and a height of 20 cm.

6283.19 cm<sup>3</sup>