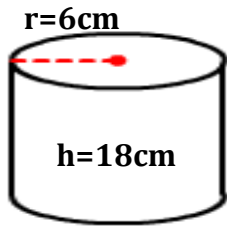


# Volume of a Cylinder

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

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

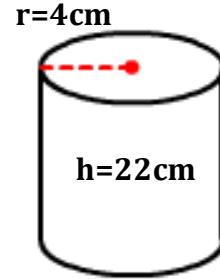
Picture below are three cylindrical tins of water. Answer the questions.



Tin 1



Tin 2



Tin 3

- 1) The height and radius of a cylinder are 20 cm and 5 cm respectively. Find the volume of tin 2.

\_\_\_\_\_

- 2) Which tin contains less water: Tin 2 or Tin 3?

\_\_\_\_\_

- 3) What is the height of tin 1?

\_\_\_\_\_

- 4) What is the volume of tin 3?

\_\_\_\_\_

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

\_\_\_\_\_

- 6) What is the height of tin 3?

\_\_\_\_\_

- 7) Which has a greater height: Tin 1 or Tin 2?

\_\_\_\_\_

- 8) What is the volume of tin 1?

\_\_\_\_\_

- 9) A Cylinder has a radius of 8 cm and a height of 19 cm. What is the volume?

\_\_\_\_\_

- 10) Find the volume of cylinder with radius of 4 cm and a height of 22 cm.

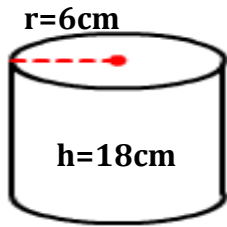
\_\_\_\_\_

# Volume of a Cylinder

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

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

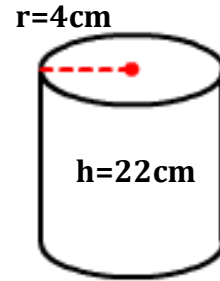
Picture below are three cylindrical tins of water. Answer the questions.



Tin 1



Tin 2



Tin 3

- 1) The height and radius of a cylinder are 20 cm and 5 cm respectively. Find the volume of tin 2.

1570.8 cm<sup>3</sup>

- 2) Which tin contains less water: Tin 2 or Tin 3?

Tin 2

- 3) What is the height of tin 1?

18 cm

- 4) What is the volume of tin 3?

1105.84 cm<sup>3</sup>

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

Tin 1

- 6) What is the height of tin 3?

22 cm

- 7) Which has a greater height: Tin 1 or Tin 2?

Tin 2

- 8) What is the volume of tin 1?

2035.75 cm<sup>3</sup>

- 9) A Cylinder has a radius of 8 cm and a height of 19 cm. What is the volume?

3820.18 cm<sup>3</sup>

- 10) Find the volume of cylinder with radius of 4 cm and a height of 22 cm.

1105.84 cm<sup>3</sup>