49. How to find the volume of a cylinder
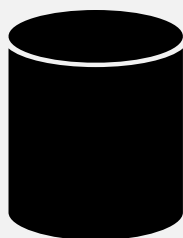
Practice Questions: Round answers to 2 decimal places, use π = 3.14, 1 litre = 1000cm³, 1cm³ = 1ml

1. What is the volume of a cylinder with a radius of 5 millimeters and a height of 10 millimeters?

2. If the radius of a cylinder is 3 centimeters and the length of the cylinder is 15 centimeters, what is the volume of the cylinder?

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3. A cylinder has a volume of 500 cubic meters. If the radius of the cylinder is 10 meters, what is the height of the cylinder?

4. The volume of a cylinder is 40 cubic inches. If the radius of the cylinder is 2 inches, what is the length of the cylinder?
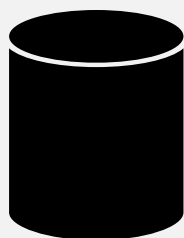
49. How to find the volume of a cylinder

5. A cylinder has a volume of 100 cubic feet. If the radius of the cylinder is 4 feet, what is the height of the cylinder?

6. The volume of a cylinder is 50 cubic centimeters. If the radius of the container is 2 centimeters, what is the length of the container?
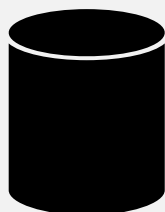
49. How to find the volume of a cylinder

Practice Questions: Round answers to 2 decimal places, use π = 3.14, 1 litre = 1000cm³, 1cm³ = 1ml

7. A cylinder has a diameter of 10 cm. If the height of the cylinder is 50 cm, what is the volume of the cylinder?

8. The diameter of a cylinder is 420 centimeters. If the height is 5cm cm, what is the volume of the cylinder in cubic meters?
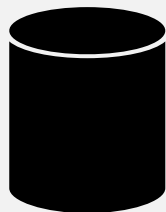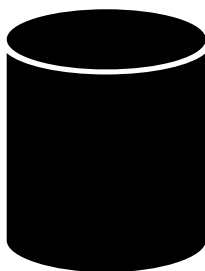
49. How to find the volume of a cylinder

9. A cylindrical container has a radius of 3/8 of an inch and a height of 2 and1/4 inches. What is the volume of the cylinder in cubic inches?

10. A cylindrical container has a radius of 7/10 of a meter and a height of 13/10 of a meter What is the volume of the cylinder in cubic meters?

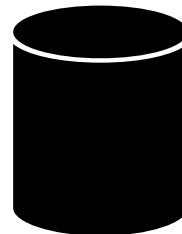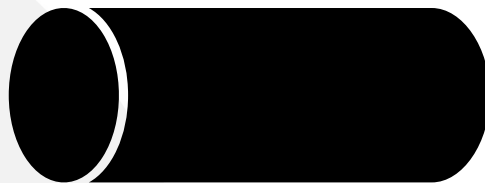# 49. How to find the volume of a cylinder

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Practice Questions: Answers

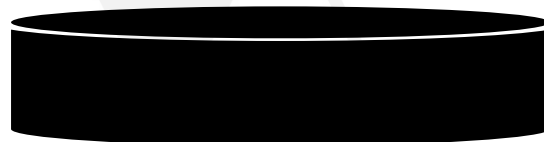1. What is the volume of a cylinder with a radius of 5 millimeters and a hieght of 10 millimeters?

1. The volume of the cylinder is 785 cubic millimeters.

2. If the radius of a cylinder is 3 centimeters and the length of the cylinder is 15 centimeters, what is the volume of the cylinder?

2. The volume of the cylinder is 423.9 cubic centimeters.

3. A cylinder has a volume of 500 cubic meters. If the radius of the cylinder is 10 meters, what is the height of the cylinder?
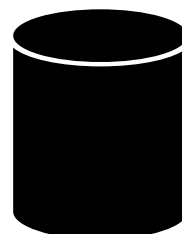
3. The height of the cylinder is 1.59 meters.

4. The volume of a cylinder is 40 cubic inches. If the radius of the cylinder is 2 inches, what is the length of the cylinder?

4. The length of the cylinder is 3.18 inches.

5. A cylinder has a volume of 100 cubic feet. If the radius of the cylinder is 4 feet, what is the height of the cylinder?

5. The length of the cylinder is 1.99 feet.

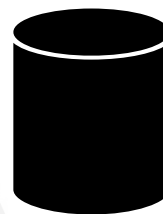# 49. How to find the volume of a cylinder

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Practice Questions: **Answers**

6. The volume of a cylinder is 50 cubic centimeters. If the radius of the container is 2 centimeters, what is the length of the container?

6. The length of the container is 3.98 centimeters.

7. A cylinder has a diameter of 10 cm. If the height of the cylinder is 50 cm, what is the volume of the cylinder?
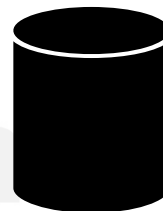
7. The volume of the cylinder 3925 cm³.

8. The diameter of a cylinder is 420 centimeters. If the height is 5cm cm, what is the volume of the cylinder in cubic meters?
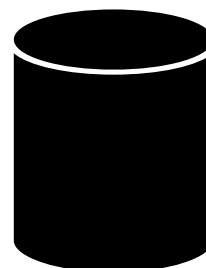
8. The volume of the cylinder is 0.69 cubic meters.

9. A cylindrical container has a radius of 3/8 of an inch and a height of 2 and1/4 inches. What is the volume of the cylinder in cubic inches?

9. The volume of the container is 0.99 cubic inches.

10. A cylindrical container has a radius of 7/10 of a meter and a height of 13/10 of a meter What is the volume of the cylinder in cubic meters?

10. The volume of the cylinder is 2.00 cubic meters.