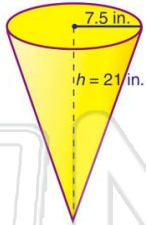


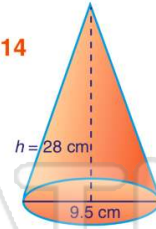


Name _____ Class _____ Date _____

- 1 What is the **volume** of the cone shown?
 $V = \frac{1}{3}\pi r^2 h$ $\pi = 3.14$
- A** 329.7 in.³
B 1,236.4 in.³
C 1,854.6 in.³
D 3,461.9 in.³



- 2 What is the approximate **volume** of the cone shown?
 $V = \frac{1}{3}\pi r^2 h$ $\pi = 3.14$
- A** 139 cm³
B 264 cm³
C 661.23 cm³
D 2,645 cm³



- 3 If a cone has a height of **13 inches** and the base has a radius of **3 inches**. What is the **volume** of the cone?
 $V = \frac{1}{3}\pi r^2 h$ $\pi = 3.14$

- 4 If the **volume** of the ice cream cone shown is **150.72 cm³**, what is the approximate **height** of the cone without the ice cream?
 $V = \frac{1}{3}\pi r^2 h$ $\pi = 3.14$



PREVIEW

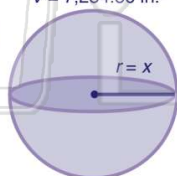
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- 5
- A** 8,000.7 cm³
B 10,300.77 cm³
C 20,601.54 cm³
D 82,406.16 cm³

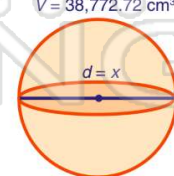


- 6
- A** 8,002.00 cm³
B 6,104.16 cm³
C 12,208.32 cm³
D 24,416.64 cm³

- 9 If the **volume** of the sphere shown is **7,234.56 in.³**, what is the approximate **radius**?
 $V = \frac{4}{3}\pi r^3$ $\pi = 3.14$
- A** 12 in.
B 14.5 in.
C 29.4 in.
D 41.6 in.



- 10 If the **volume** of a sphere is **38,772.72 cm³**, what is its approximate **diameter**?
 $V = \frac{4}{3}\pi r^3$ $\pi = 3.14$
- A** 21 cm
B 33 cm
C 42 cm
D 66 cm



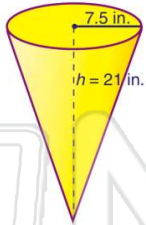


Name _____ Class _____ Date _____

1 What is the **volume** of the cone shown?

$$V = \frac{1}{3}\pi r^2 h \quad \pi = 3.14$$

- A 329.7 in.³
- B 1,236.4 in.³
- C 1,854.6 in.³
- D 3,461.9 in.³

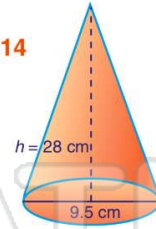


(B)

2 What is the approximate **volume** of the cone shown?

$$V = \frac{1}{3}\pi r^2 h \quad \pi = 3.14$$

- A 139 cm³
- B 264 cm³
- C 661.23 cm³
- D 2,645 cm³



(C)

3 If a cone has a height of **13 inches** and the base has a radius of **3 inches**. What is the **volume** of the cone?

$$V = \frac{1}{3}\pi r^2 h \quad \pi = 3.14$$

(B)

4 If the **volume** of the ice cream **cone** shown is **150.72 cm³**, what is the approximate **height** of the cone without the ice cream?

$$V = \frac{1}{3}\pi r^2 h \quad \pi = 3.14$$

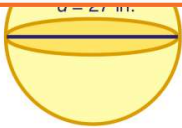
(D)



PREVIEW

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- A 8,000.7 cm³
- B 10,300.77 cm³
- C 20,601.54 cm³
- D 82,406.16 cm³

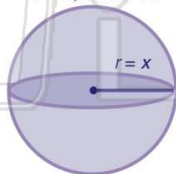


- A 8,002.00 cm³
- B 6,104.16 cm³
- C 12,208.32 cm³
- D 24,416.64 cm³

9 If the **volume** of the sphere shown is **7,234.56 in.³**, what is the approximate **radius**?

$$V = \frac{4}{3}\pi r^3 \quad \pi = 3.14$$

- A 12 in.
- B 14.5 in.
- C 29.4 in.
- D 41.6 in.

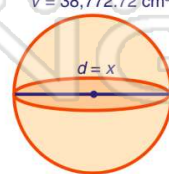


(A)

10 If the **volume** of a sphere is **38,772.72 cm³**, what is its approximate **diameter**?

$$V = \frac{4}{3}\pi r^3 \quad \pi = 3.14$$

- A 21 cm
- B 33 cm
- C 42 cm
- D 66 cm



(C)