

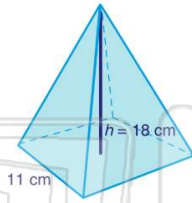


Name _____ Class _____ Date _____

- 1 What is the **volume** of the pyramid shown?

$$V = \frac{1}{3} b^2 h$$

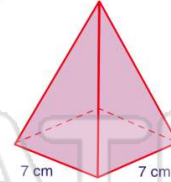
- A 66 cm³
- B 726 cm³
- C 1,089 cm³
- D 2,178 cm³



- 2 If a pyramid has a **volume** of 343 cm³ and a **base** of 7 cm x 7 cm, what is the **height** of the pyramid?

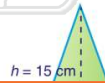
$$V = \frac{1}{3} b^2 h$$

- A 7 cm
- B 18 cm
- C 21 cm
- D 24 cm



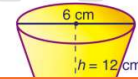
- 3 What is the **volume** to the nearest tenth of the cone shown?

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



- 4 What is the amount of ice cream that can fit in the cone shown to the **nearest hundredth**?

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



5

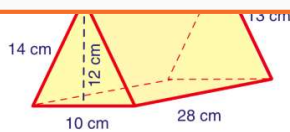


PREVIEW

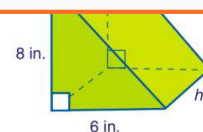
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7

- A 1,156 cm
- B 1,166 cm
- C 1,176 cm
- D 1,276 cm



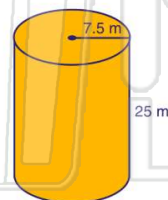
- A 7 in.
- B 6 in.
- C 5 in.
- D 4 in.



- 9 What is the **surface area** of the cylinder shown?

$$SA = 2\pi r^2 + 2\pi rh$$

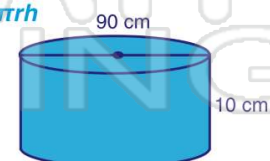
- A 588.75 m
- B 1,203.05 m
- C 1,318.8 m
- D 1,530.75 m



- 10 What is the **surface area** of the cylinder shown?

$$SA = 2\pi r^2 + 2\pi rh$$

- A 3,108.6 cm
- B 3,391.2 cm
- C 15,543 cm
- D 53,694 cm



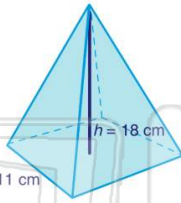


Name _____ Class _____ Date _____

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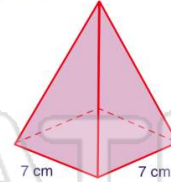


(B)

2 If a pyramid has a **volume** of 343 cm³ and a **base** of 7 cm x 7 cm, what is the **height** of the pyramid?

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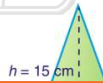
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(C)

3 What is the **volume** to the nearest tenth of the cone shown?

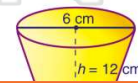
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(C)

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(B)

5



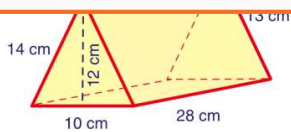
(D)

PREVIEW

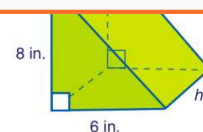
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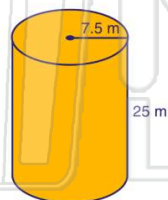


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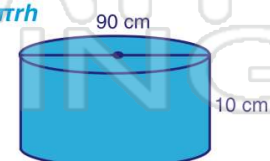


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