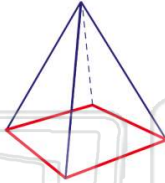




Name _____ Class _____ Date _____

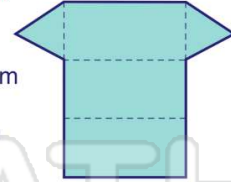
1 The **base** of the pyramid shown is a _____.

- A triangle
- B rectangle
- C square
- D circle



2 The **net** shown can be folded to make which **polyhedron**?

- A pyramid
- B rectangular prism
- C cone
- D triangular prism



3 How many **faces** does a **rectangular prism** have?

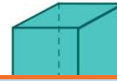
- A 4
- B 6



4 What is the **volume** of the rectangular prism shown?

$$V = \ell wh$$

- A 18 in.³



5



PREVIEW

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7

- A 37.68 in.
- B 56.52 in.
- C 75.36 in.
- D 100.48 in.



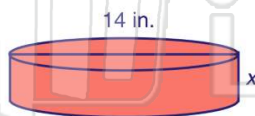
- A 121,580.8 ft³
- B 30,395.2 ft³
- C 2763.2 ft³
- D 1381.6 ft³



9 If the volume of the object shown is **461.58 in.³**, what is its **height**?

$$V = \pi r^2 h$$

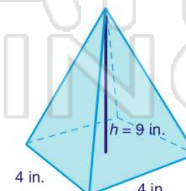
- A 21 in.
- B 10.5 in.
- C 3 in.
- D $\frac{3}{4}$ in.



10 A pyramid has a **4 in. x 4 in.** base and a height of **9 in.**, what is its **volume**?

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

- A 48 in.³
- B 72 in.³
- C 96 in.³
- D 144 in.³

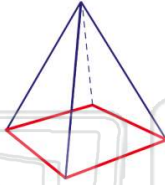




Name _____ Class _____ Date _____

1 The **base** of the pyramid shown is a _____.

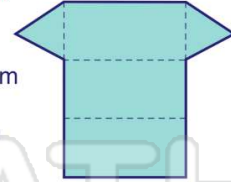
- A triangle
- B rectangle
- C square
- D circle



(C)

2 The **net** shown can be folded to make which **polyhedron**?

- A pyramid
- B rectangular prism
- C cone
- D triangular prism



(D)

3 How many **faces** does a **rectangular prism** have?

- A 4
- B 6



(B)

4 What is the **volume** of the rectangular prism shown?

$$V = \ell wh$$

$$A = 18 \text{ in}^3$$



(D)

5



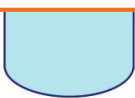
(D)

PREVIEW

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7

- A 37.68 in.
- B 56.52 in.
- C 75.36 in.
- D 100.48 in.



(C)

- A 121,580.8 ft³
- B 30,395.2 ft³
- C 2763.2 ft³
- D 1381.6 ft³



(B)

9 If the volume of the object shown is **461.58 in.³**, what is its **height**?

$$V = \pi r^2 h$$

14 in.

- A 21 in.
- B 10.5 in.
- C 3 in.
- D $\frac{3}{4}$ in.

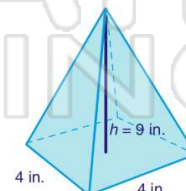


(C)

10 A pyramid has a **4 in. x 4 in.** base and a height of **9 in.**, what is its **volume**?

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

- A 48 in.³
- B 72 in.³
- C 96 in.³
- D 144 in.³



(A)