

## Math Geometry Measurement and Algebra 5\_7

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

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

1.



$$= 1$$



$$= \underline{\quad}$$

2.



3 inches

6 inches

$$\text{Area} = \underline{\quad} \text{ in}^2$$

A. 4

B. 5

C. 6

A. 18

B. 12

C. 20

3.



$$= 1$$



$$= \underline{\quad}$$

4.

How many  fit in  ?

A. 3

B. 4

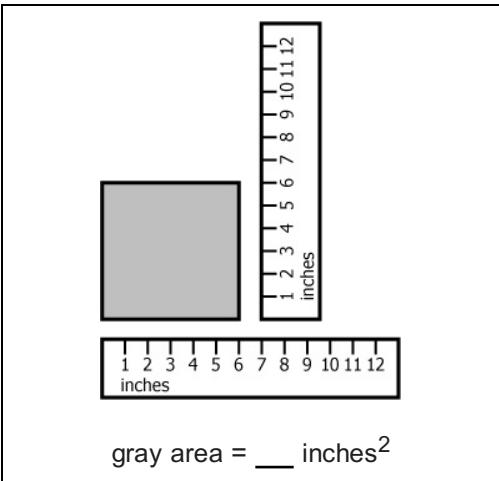
C. 5

A. 0

B. 2

C. 1

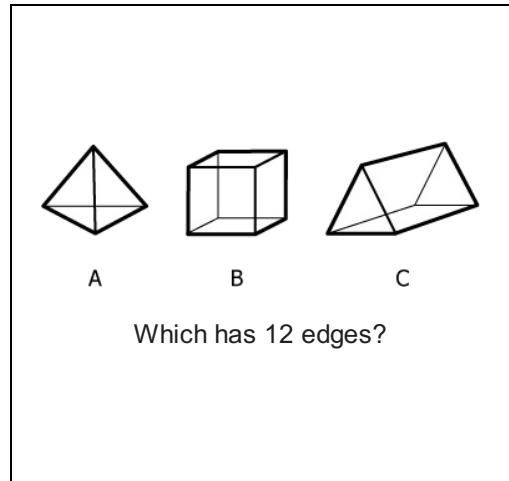
5.



$$\text{gray area} = \underline{\hspace{2cm}} \text{ inches}^2$$

- A. 36
- B. 12
- C. 18

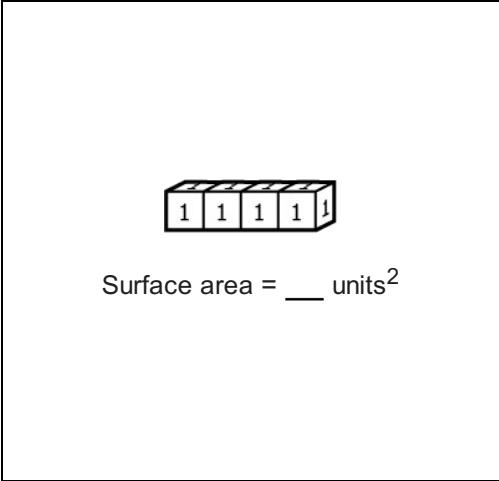
6.



Which has 12 edges?

- A. A
- B. B
- C. C

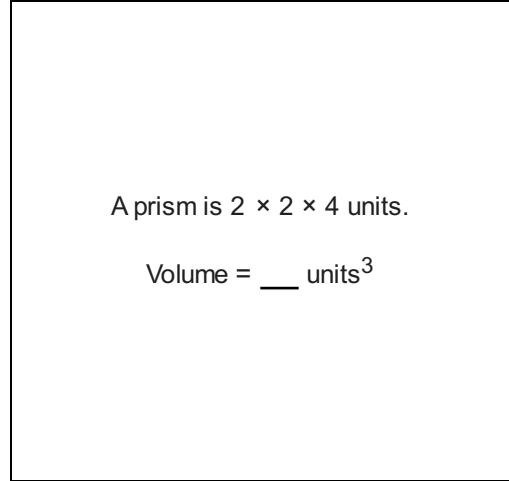
7.



$$\text{Surface area} = \underline{\hspace{2cm}} \text{ units}^2$$

- A. 20
- B. 18
- C. 24

8.

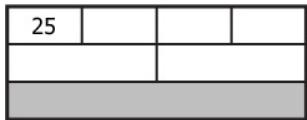


A prism is  $2 \times 2 \times 4$  units.

$$\text{Volume} = \underline{\hspace{2cm}} \text{ units}^3$$

- A. 8
- B. 42
- C. 16

9.

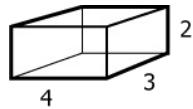


The gray part = \_\_\_\_\_

- A. 200
- B. 50
- C. 100

10.

$$\text{Volume} = L \times W \times H$$



$$\text{Volume} = \underline{\hspace{2cm}}$$

- A.  $2 \times 3 + 2 \times 4$
- B.  $4 \times 3 \times 2$
- C.  $4 + 3 + 2$

11.



Milk is measured in \_\_\_\_.

- A. volume
- B. distance
- C. polygons

12.

$$\text{Area of } 4 \times 8 = 4 \times 8$$

$$\text{Area of } 4 \times 8 = \underline{\hspace{2cm}}$$

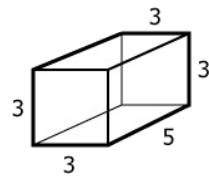
- A.  $\frac{1}{2}(4 \times 8)$
- B.  $\frac{4}{2} \times (8 + 2)$
- C.  $\frac{1}{2}(4 + 8)$

13.

Which tells how much sand a bag can hold?

- A. volume
- B. height
- C. area

14.



$$\text{Volume} = \underline{\hspace{2cm}}$$

- A.  $3 + 3 \times 5$
- B.  $3 \times 3 + 5$
- C.  $3 \times 3 \times 5$

15.

Which shows how much dirt a bucket can hold?

- A. height
- B. area
- C. volume

16.

Which unit is best for the volume of a bag?

- A. inches<sup>3</sup>
- B. miles<sup>3</sup>
- C. kilometers<sup>3</sup>