Math Geometry Measurement and Algebra 5_6

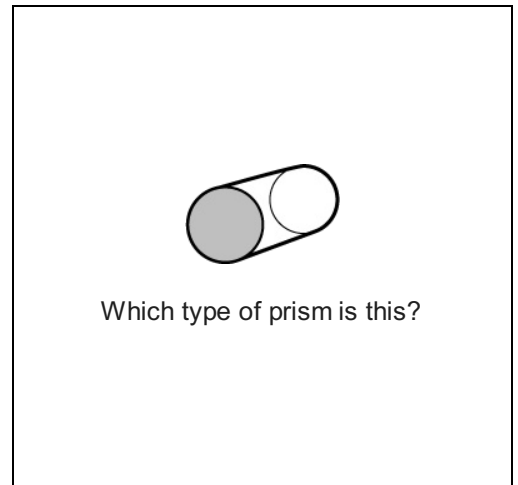Student Name:_____   Date:_____
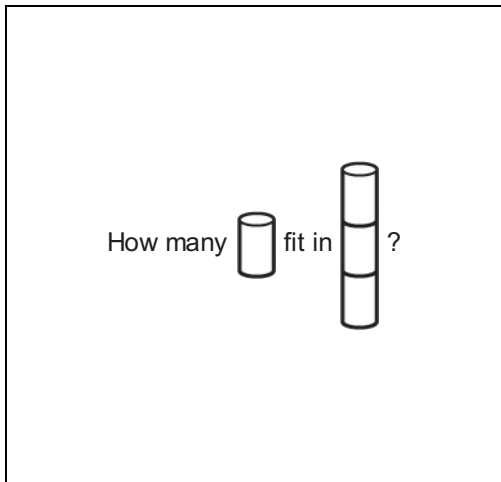
1.

How many gray triangles?

A. 2

B. 5

C. 7

2.
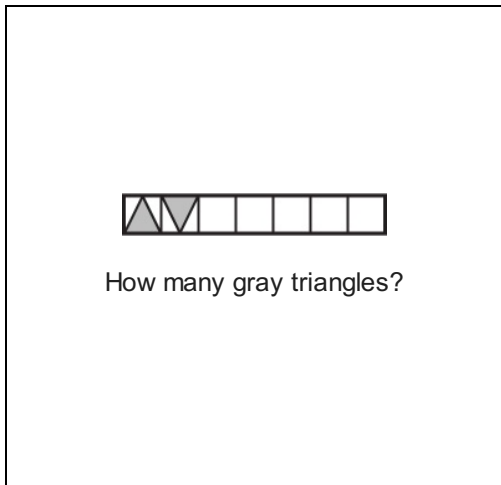
Which type of prism is this?

A. triangular

B. octagonal

C. cylindrical

3.

How many ☐ fit in ☐ ?

A. 4

B. 2

C. 3

4.

☐ = 1 unit^3

Volume = ___ units^3

A. 20

B. 10

C. 40

5.

A   B   C

Which has only 6 edges?

A. A

B. B

C. C

6.

A box is 6 × 3 × 1 in.

Volume = ___ in^3

A. 24

B. 10

C. 18

7.

Which are the faces of the prism?

A.

B.

C.

8.

A box is 4 × 6 × 2 cm.

Volume = ___ cm^3
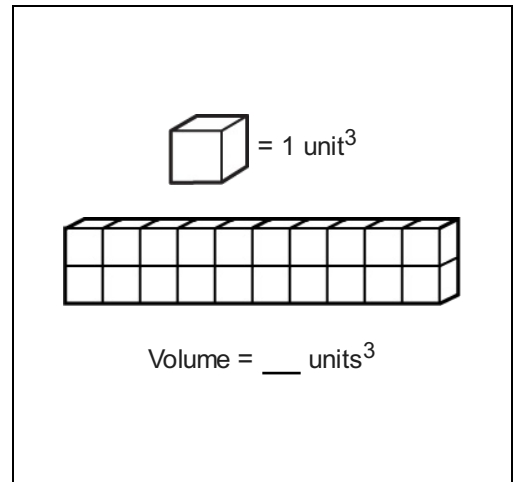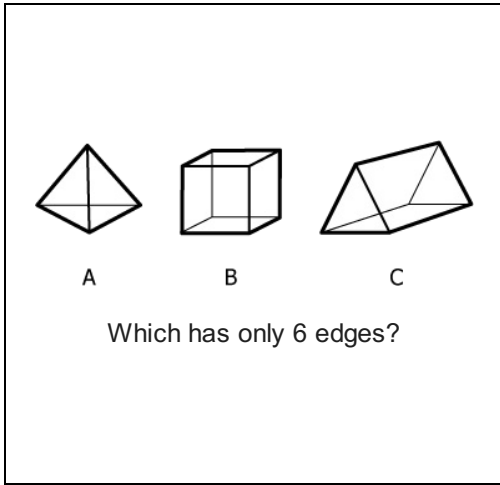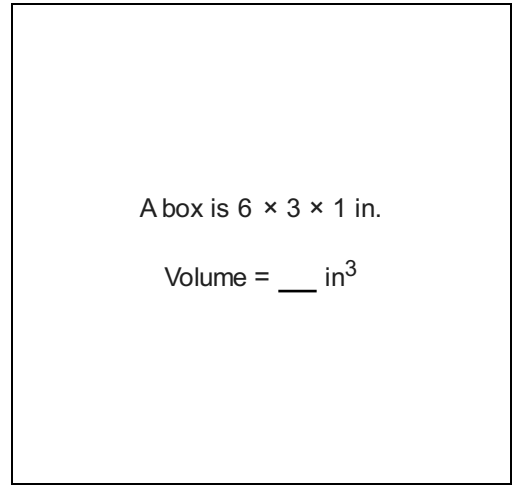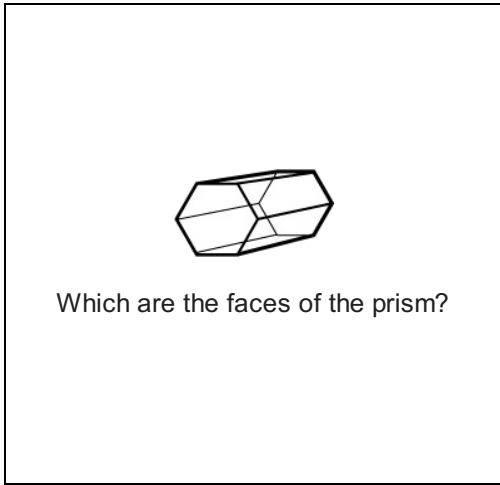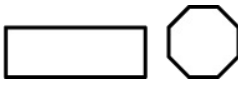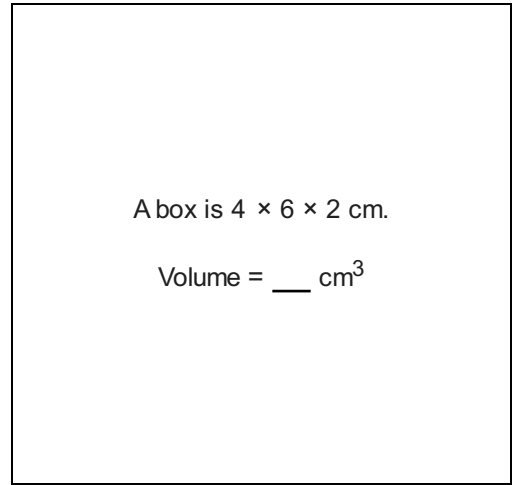
A. 24

B. 12

C. 48
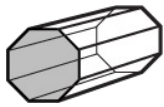
9.

A prism is 4 × 5 × 6 units.

Volume = ___ units^3

A. 456

B. 120

C. 150

10.
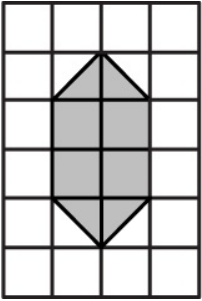
Which type of prism is this?

A. hexagonal

B. rectangular

C. octagonal

11.
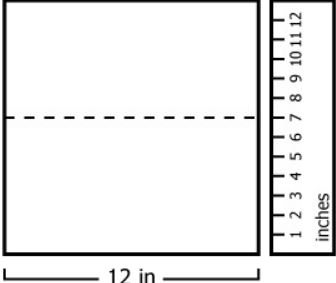
◻ = 1 unit^2

gray area = ___ units^2

A. 6

B. 8

C. 5

12.

12 in

Cut on the line.

Area of the bottom part = ___

A. 7 × 12

B. 7 × 6

C. 7 + 12

13.

Which type of prism is this?
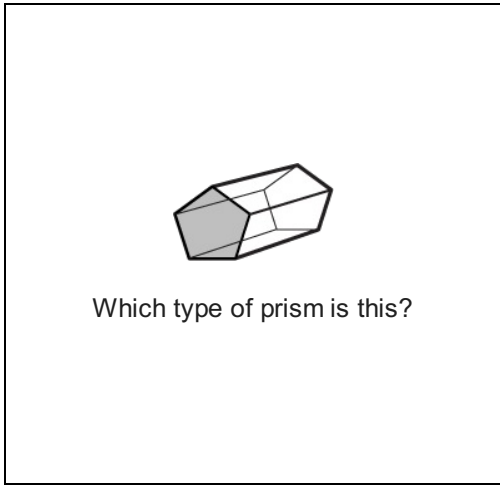
A. hexagonal

B. octagonal

C. pentagonal

14.

How many edges?

A. 6

B. 4

C. 12

15.

Volume = L × W × H

3′

9′

6′

Volume of trunk = ___ feet^3

A. 162

B. 18

C. 36

16.

1 2 3 4 5 6 7 8 9 10 11 12
inches

gray area = ___ inches^2

A. 21

B. 12

C. 13