

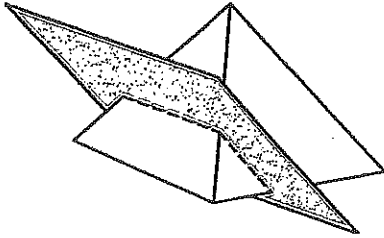
Cross Section Worksheet Form A

Name _____

Date _____

Class/Grade _____

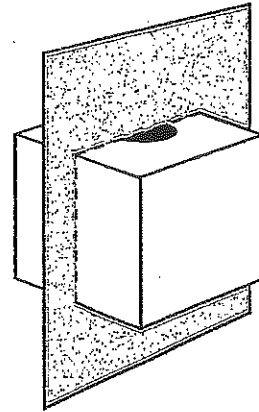
- 1 A square pyramid is cut along the shaded plane shown below.



Which of the following is the cross-section of this solid?

- (A)
- (B)
- (C)
- (D)

- 2 A cube with a cylinder cut from its center is cut along the plane shown below.

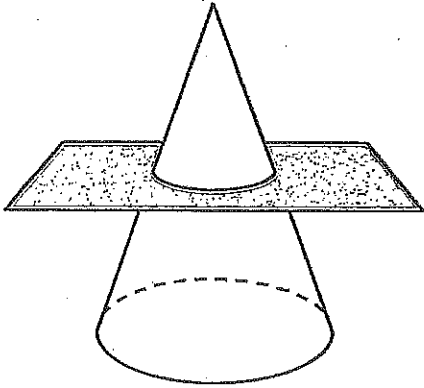


Which of the following is the cross-section of this solid?

- (F)
- (H)
- (G)
- (J)

Cross Section Worksheet Form A

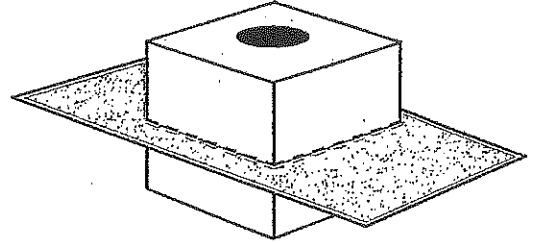
- 3 A cross-section is cut from the circular cone below.



What is the shape of the cross-section?

- (A) Square
- (B) Semicircle
- (C) Triangle
- (D) Circle

- 4 A cube with a cylinder cut from its center is cut along the plane shown below.

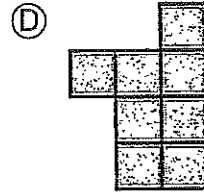
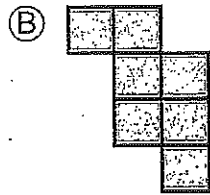
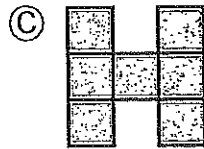
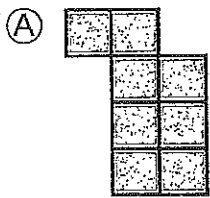
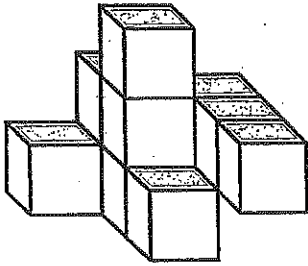


Which of the following is the cross-section of this solid?

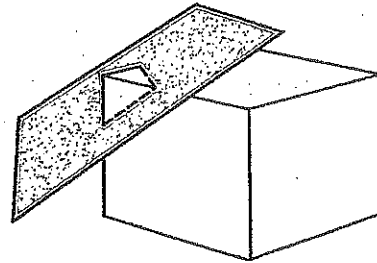
- (F)
- (H)
- (G)
- (J)

Cross Section Worksheet Form A

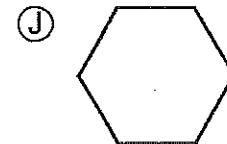
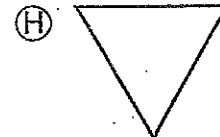
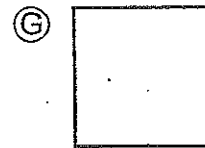
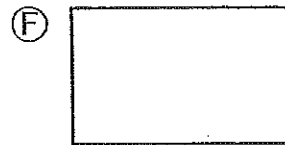
5 Which drawing represents the top view of this solid?



6 A rectangular prism is cut along the shaded plane shown below.

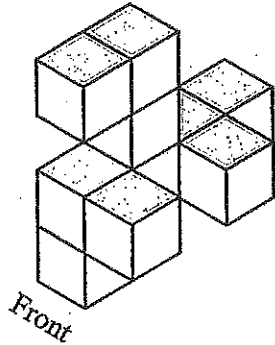


Which of the following is the cross-section of this solid?

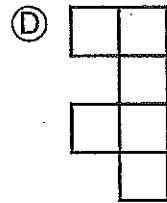
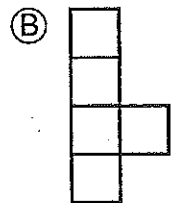
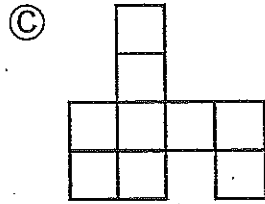
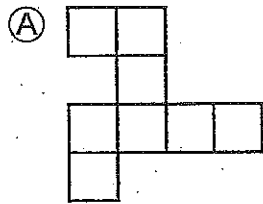


Cross Section Worksheet Form A

7 The three-dimensional figure shown is composed of 10 identical cubes.

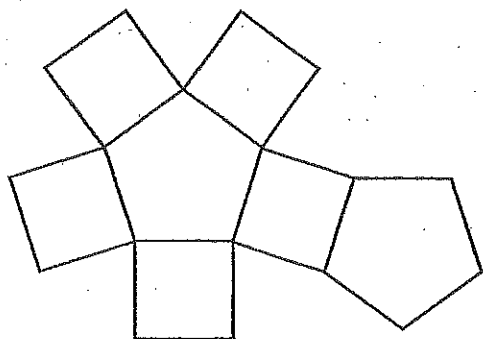


Which of the following could not represent a top, front, or side view of the figure?

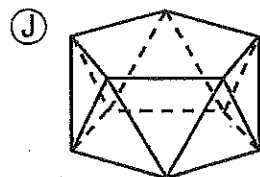
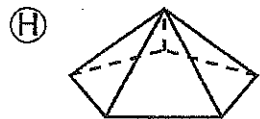
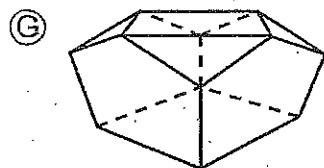
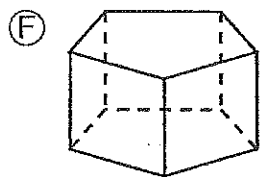


Cross Section Worksheet Form A

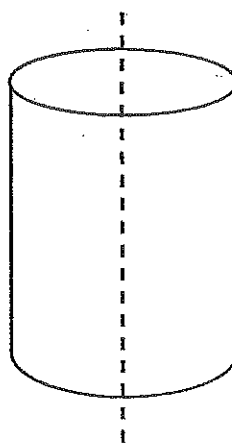
- 10 The net of a specific polyhedron is shown below.



Which polyhedron is represented by this net?



- 11 A cross-section is cut from the cylinder below.

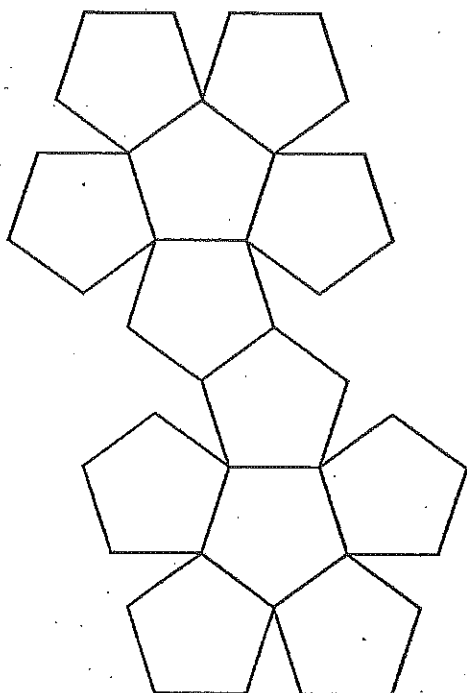


What is the shape of the cross-section?

- (A) Rectangle
- (B) Circle
- (C) Semicircle
- (D) Oval

Cross Section Worksheet Form A

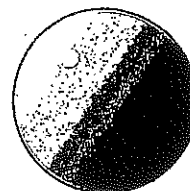
- 12 Below is the net of a regular dodecahedron.

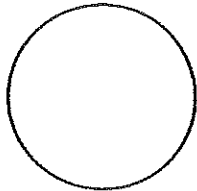

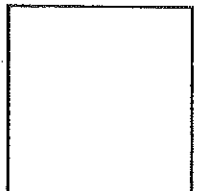
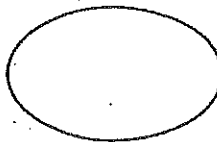


How many edges does a regular dodecahedron have?

- (F) 60
- (G) 24
- (H) 50
- (J) 30

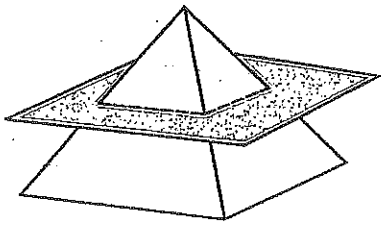
- 13 Which of the following is a cross-section of a sphere?



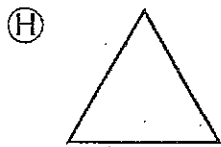
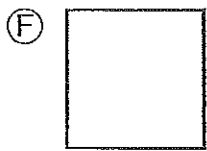
- (A) 
- (B) 
- (C) 
- (D) 

Cross Section Worksheet Form A

- 14 A square pyramid is cut along the shaded plane shown below.

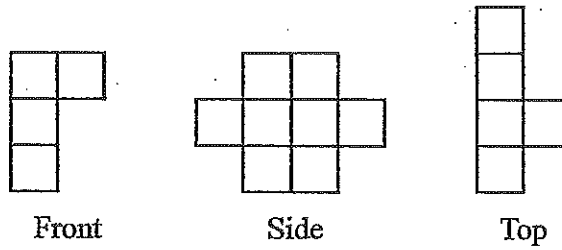


Which of the following is the cross-section of this solid?

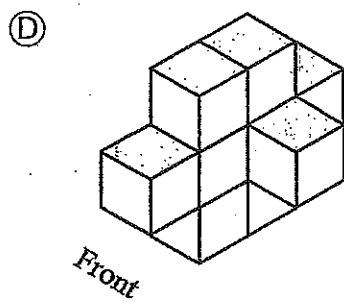
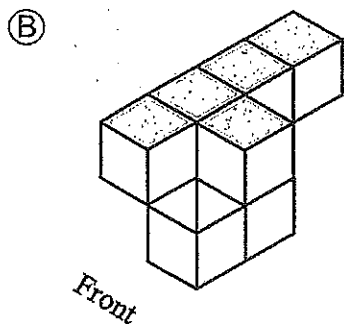
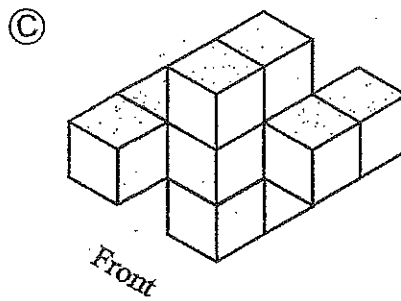
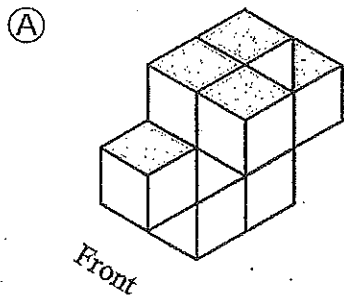


Cross Section Worksheet Form A

15 The front, side, and top views of a three-dimensional figure composed of 9 identical cubes are shown below.

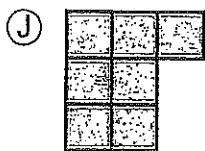
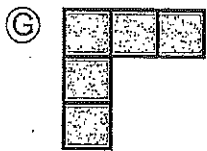
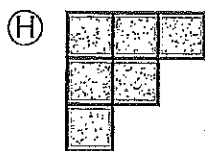
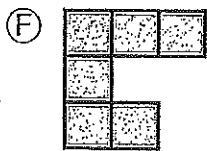
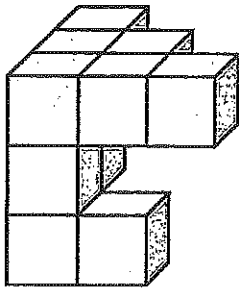


Which of the following could be the represented figure?

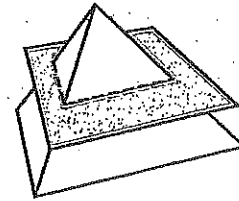


Cross Section Worksheet Form A

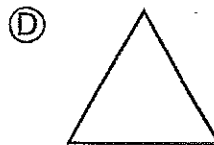
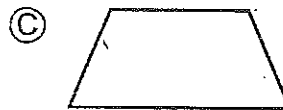
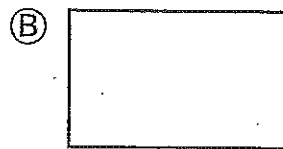
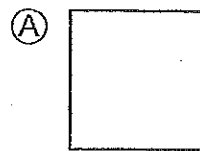
16 Which drawing represents the side view of this solid?



17 A triangular pyramid is cut along the shaded plane shown below.

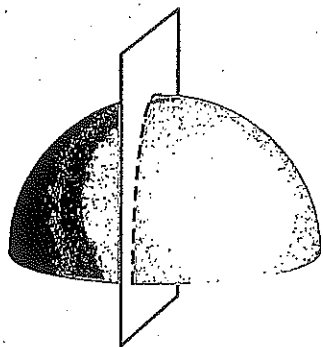


Which of the following is the cross-section of this solid?



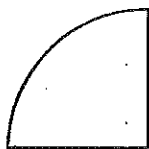
Cross Section Worksheet Form A

- 18 A hemisphere is cut along the plane shown below.

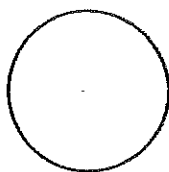


Which of the following is the cross-section of this solid?

(F)



(H)



(G)



(J)

