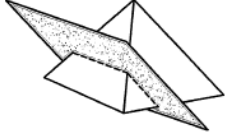


Int 1

**HW 5-3
Cross Sections**

Unit 5

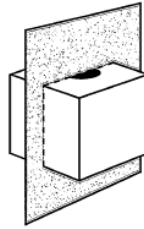
1 A square pyramid is cut along the shaded plane shown below.



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

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

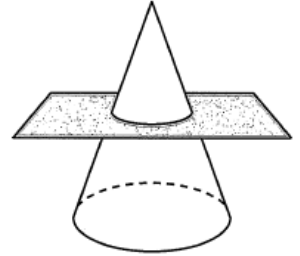
2 A cube with a cylinder cut from its center is cut along the plane shown below.



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

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

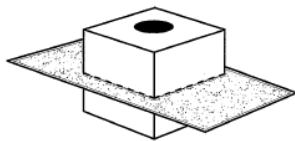
3 A cross-section is cut from the circular cone below.



What is the shape of the cross-section?

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

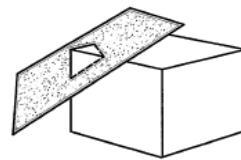
4 A cube with a cylinder cut from its center is cut along the plane shown below.



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

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

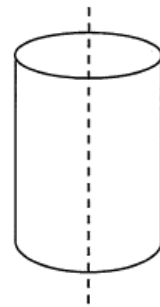
A rectangular prism is cut along the shaded plane shown below.



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

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

A cross-section is cut from the cylinder below.



What is the shape of the cross-section?

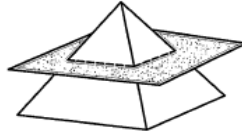
- (A) Rectangle
- (B) Circle
- (C) Semicircle
- (D) Oval

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



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

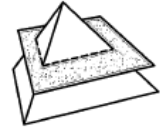
A square pyramid is cut along the shaded plane shown below.



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

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

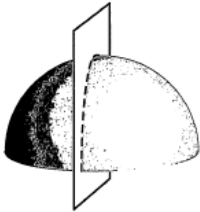
A triangular pyramid is cut along the shaded plane shown below.



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

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

A hemisphere is cut along the plane shown below.



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

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