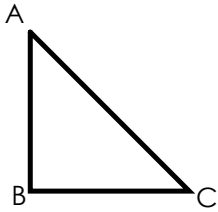
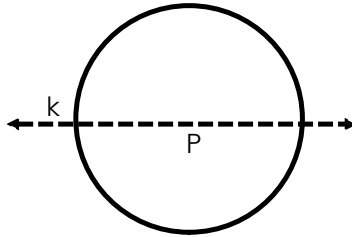


Independent Practice



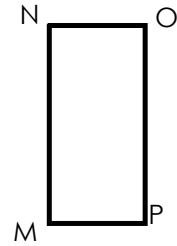
What three dimensional object is created when triangle ABC is rotated around line BC?

Cone



What three dimensional object is created when circle P is rotated around line k?

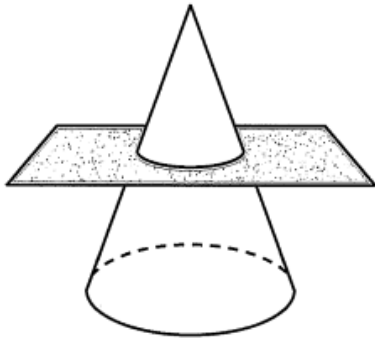
Sphere



What three dimensional object is created when rectangle MNOP is rotated around line MN?

Cylinder

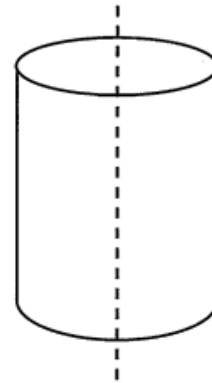
A cross-section is cut from the circular cone below.



What is the shape of the cross-section?

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

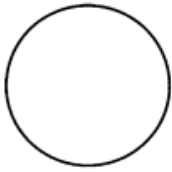
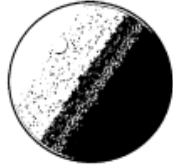
A cross-section is cut from the cylinder below.



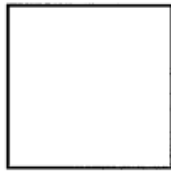
What is the shape of the cross-section?

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

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



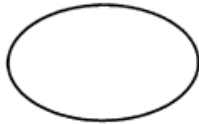
(C)



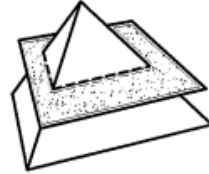
(B)



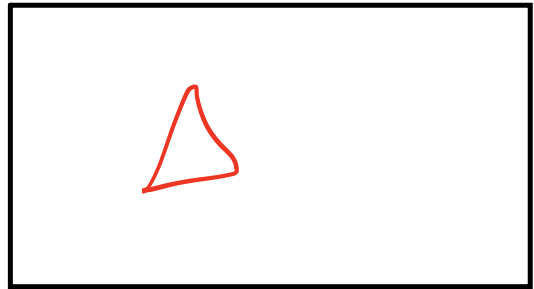
(D)



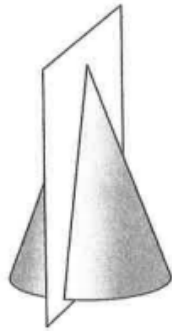
A triangular pyramid is cut along the shaded plane shown below.



Draw the cross section of the pyramid



Draw the cross section of the cone below



Draw the cross section of the prism below

