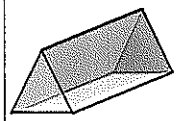
Multiple Choice:

1.) Which of the following represents the cross-section parallel to the base of the cylinder below?

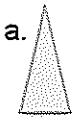
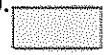
a.  b.  c.  d. 

2.) Which of the following represents the cross section perpendicular to the base of the triangular prism below?

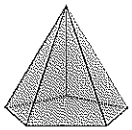


a.  b.  c.  d. 

3.) Which of the following represents the cross section parallel to the base of the figure below?

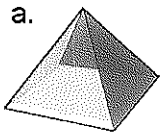
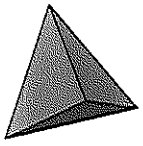
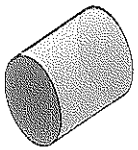
a.  b.  c.  d. 

4.) Which of the following represents the cross section perpendicular to the base of the figure below?



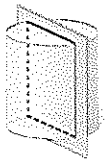
a.  b.  c.  d 

Which geometric figure below would have the same shaped vertical and horizontal cross-sections?

a.  b.  c.  d. 

Open Ended:

6.) Describe the cross-section taken in the cylinder below. What does it look like? Is it parallel or perpendicular to the base?



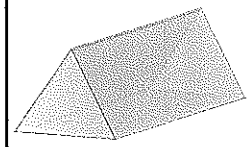
7.) Describe and sketch the cross section taken in the cylinder below:

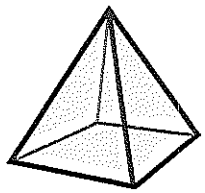
8.) Sketch a 3-D geometric shape that would have a circular cross-section parallel to the base, and a triangular cross-section perpendicular to the base.

9.) Sketch a 3-D geometric shape that would have a pentagonal and rectangular cross-section.

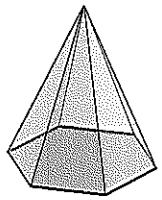
Written Response: #70

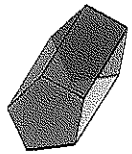
10.) Compare and contrast the cross-sections of the pyramid and prism below.





11.) Compare and contrast the cross-sections of the two geometric figures below:





CCSS.MATH.CONTENT.7.G.A.3
Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids