

I can describe the cross section of a 3D figure.

Cross Section

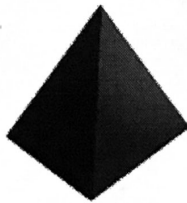
Definition: The shape you get when you cut through a 3D object.

HORIZONTAL Cross Sections:

What is the shape created when slicing the figures below horizontally?



circle



square
or rectangle



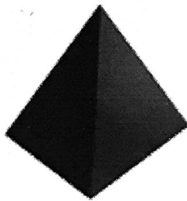
circle

VERTICAL Cross Sections:

What is the shape created when slicing the figures below horizontally?



rectangle

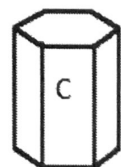
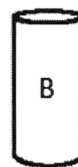
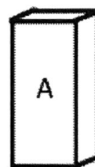


triangle

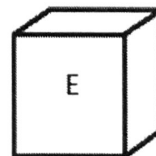


triangle

1.) When sliced vertically, which figure(s) have the same shape formed as figure B? A, C, E, G



2.) When sliced horizontally, which figure(s) result in a face with less than four vertices? B, F, H, I



3.) Describe the shape(s) formed when figure H is sliced in all possible directions. Explain how you know.

Always a circle

