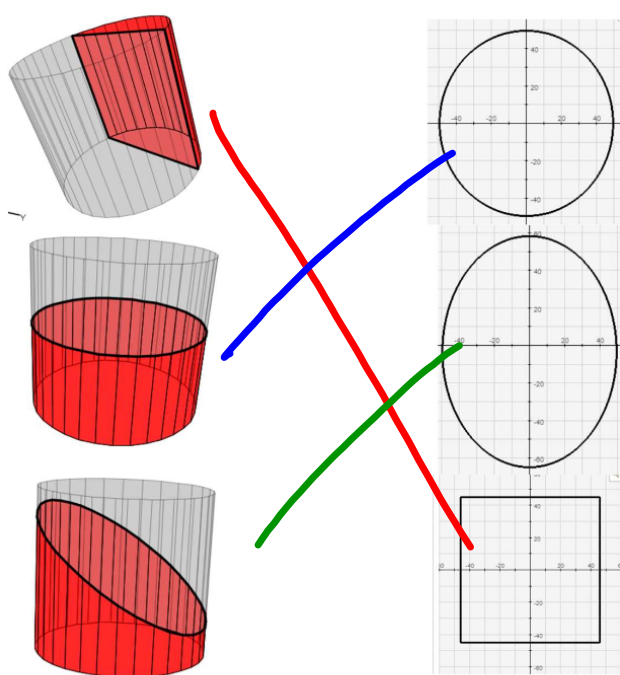


# Cross Sections and 2D-3D

## Cross Sections

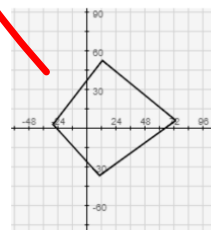
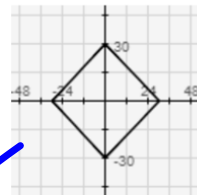
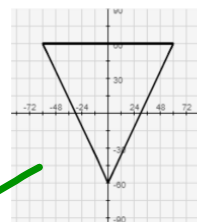
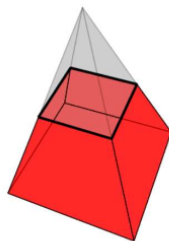
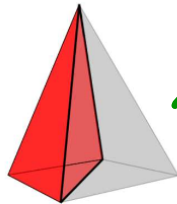
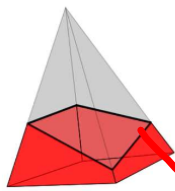
- The surface or Shape that is or would be formed by making a Straight cut through a figure.

Cross  
Section  
Examples:  
  
Match the  
Cross  
Sections



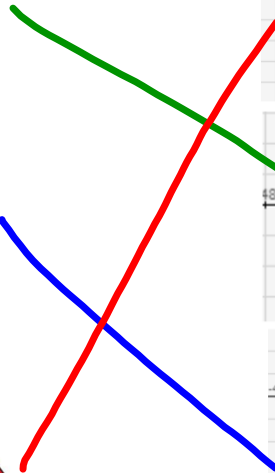
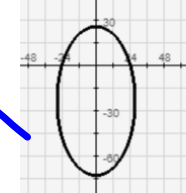
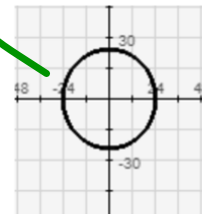
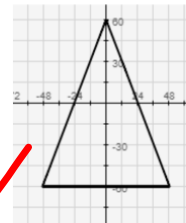
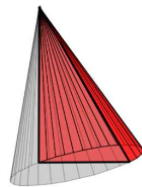
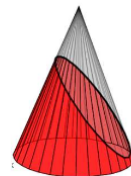
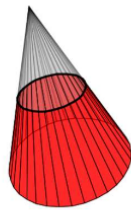
Cross  
Section  
Examples:

Match the  
Cross  
Sections

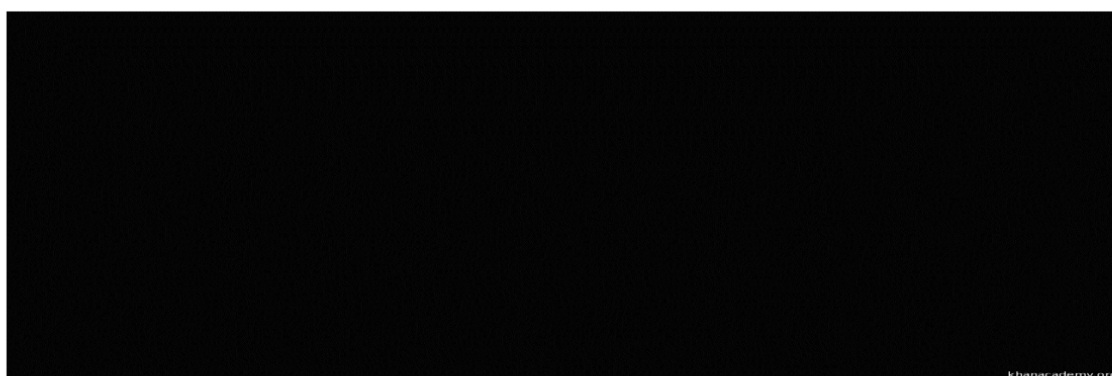


Cross  
Section  
Examples:

Match the  
Cross  
Sections

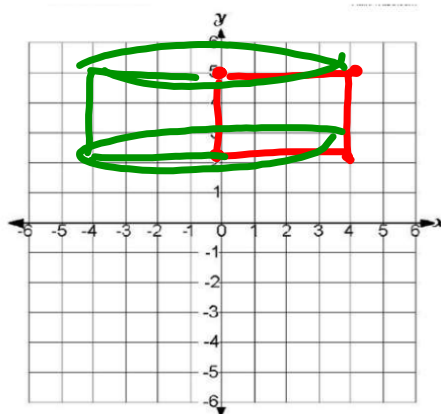


2D  
to 3D



Identify the 3D shape that would be formed.

Describe in detail the solid formed by rotating a rectangle with vertices  $(0,2)$ ,  $(0,5)$ ,  $(4, 2)$  and  $(4, 5)$  about the y-axis. Include the dimensions of the solid in your description.



Identify the 3D shape that would be formed.

Describe in detail the solid formed by rotating a rectangle with vertices  $(2, 0)$ ,  $(5, 0)$ ,  $(2, 4)$  and  $(5, 4)$  about the x-axis. Include the dimensions of the solid in your description.

