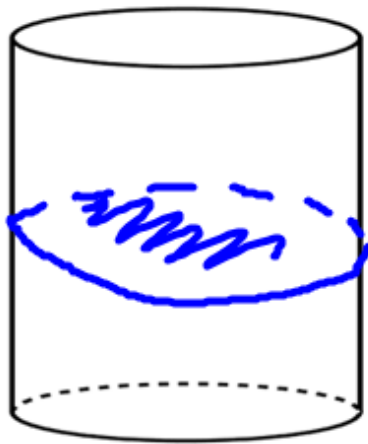


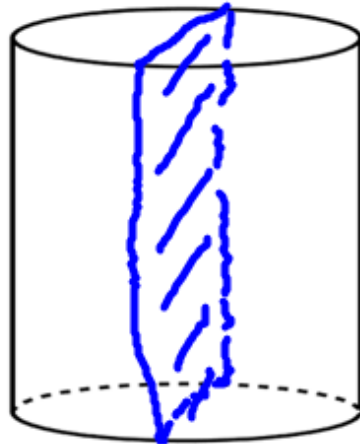
Lesson 10.3: Cross Sections

Cross Section: the intersection of a 3-D object with a plane

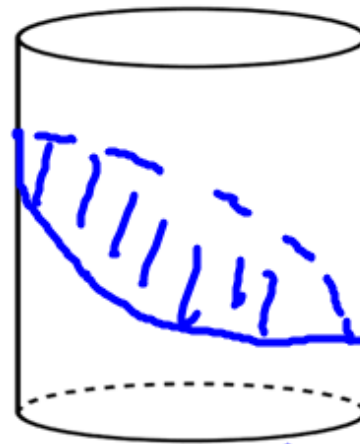
What are the possible cross sections of a cylinder?



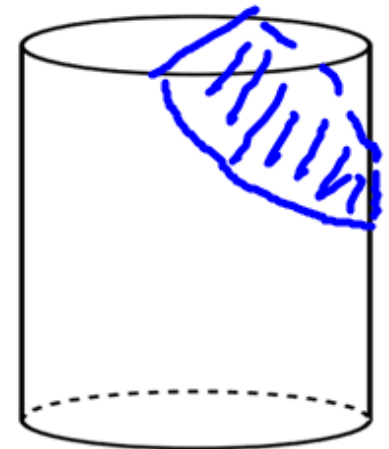
circle



rectangle



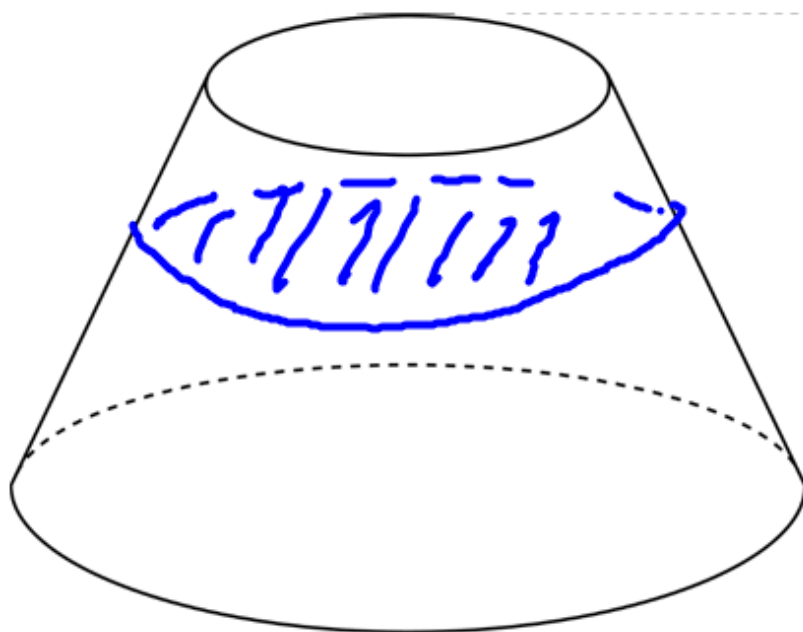
oval



parabola

Draw and describe the following cross sections.

Horizontal Cross Section

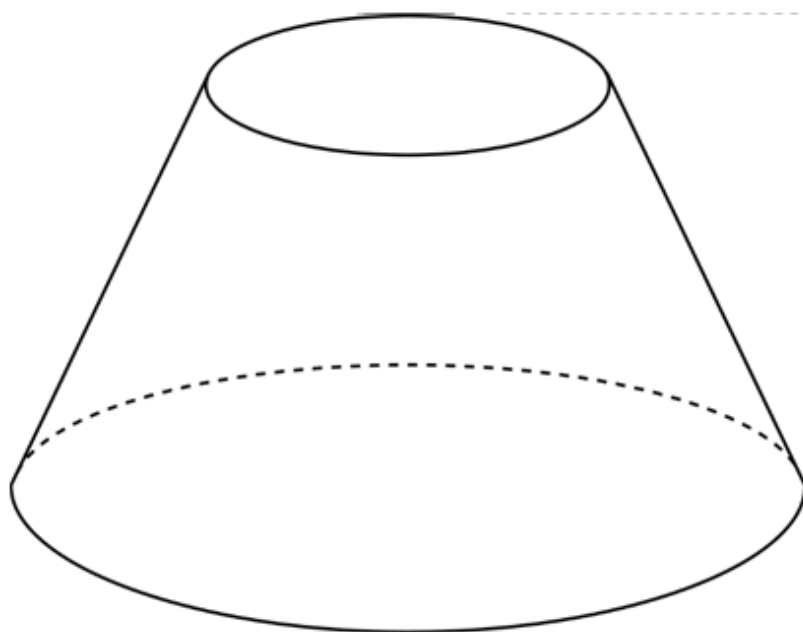


Draw and describe the following cross sections.

Vertical Cross Section

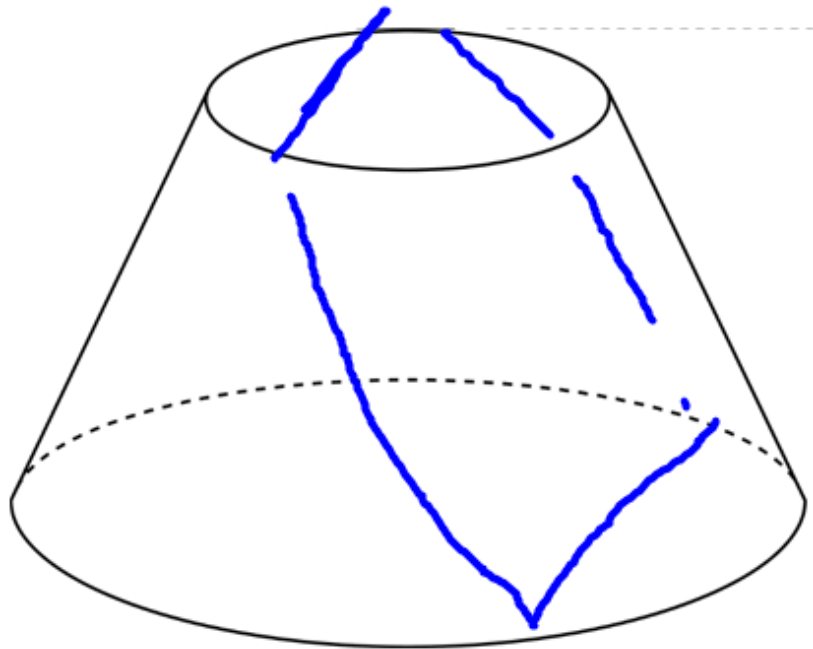


trapezoid

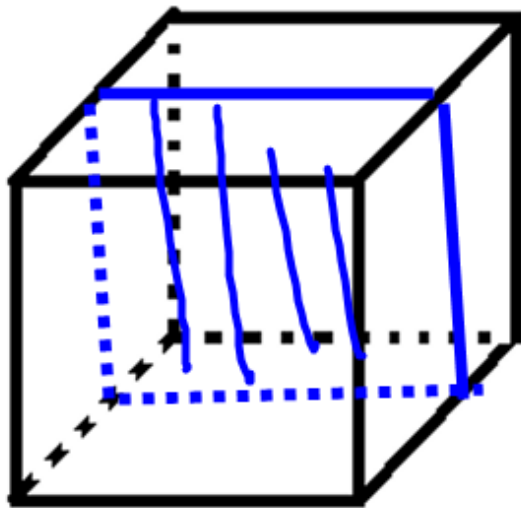


Draw and describe the following cross sections.

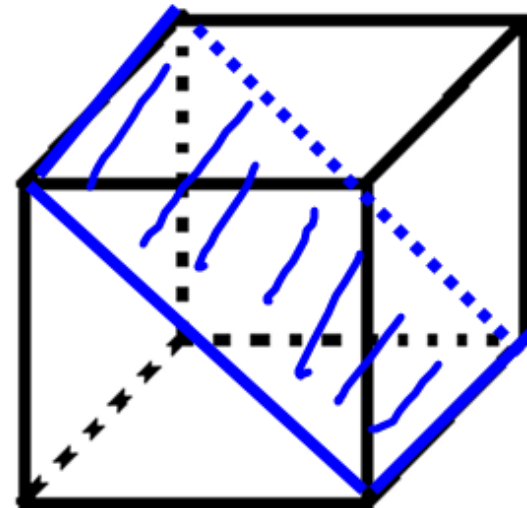
Tilted Horizontal Cross Section



Draw the requested cross section

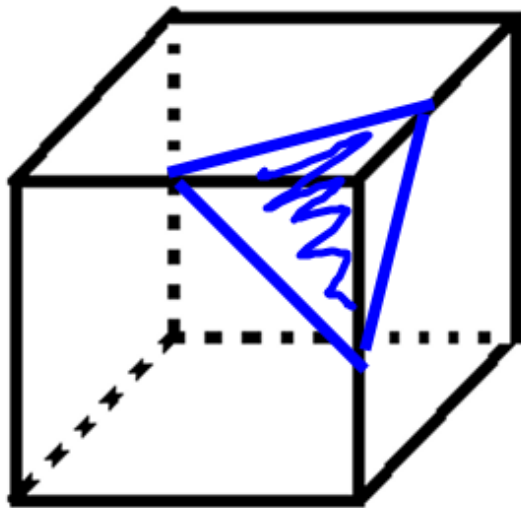


Square

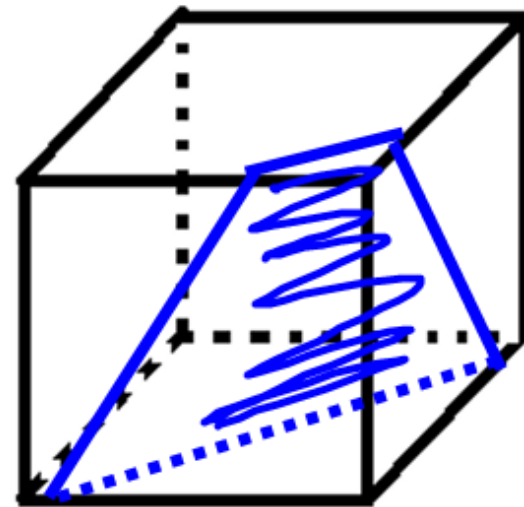


Rectangle

Draw the requested cross section

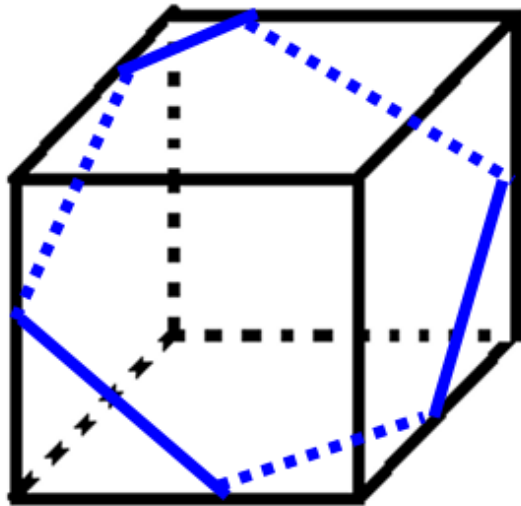


Triangle



Trapezoid

Draw the requested cross section



Hexagon