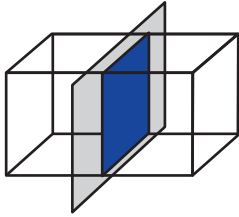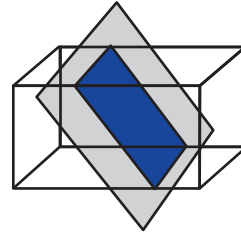NAME _____

Lesson 5.4 Cross Sections of 3-Dimensional Figures

A **cross section** of a 3-dimensional figure is the place where a plane cuts through the figure. The shape and size of the cross section depends on where the plane slices the figure.

When the plane intersects a rectangular prism at a right angle, another rectangle is created.
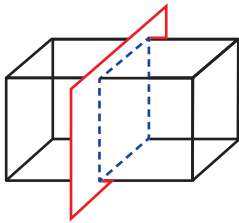

When the plane intersects a rectangular prism at an angle, it will create a quadrilateral, but not necessarily a rectangle.
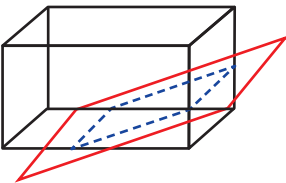
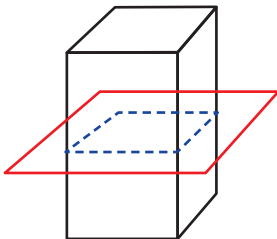Name the shape that is created by the cross section.

a   b

1.

_____   _____

2.

_____   _____

3.

_____   _____