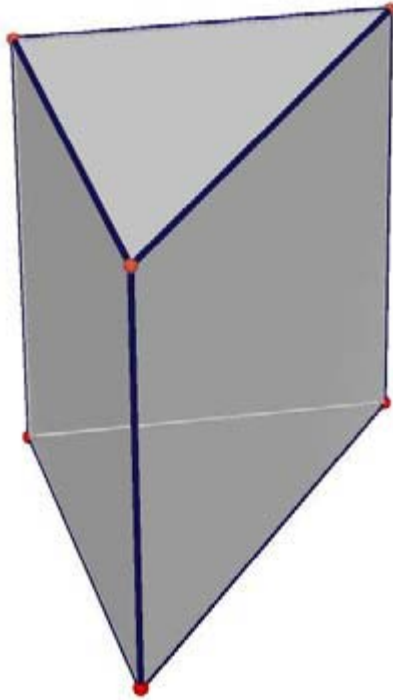


*G.G.3 Know and apply that through a given point there passes one and only one line perpendicular to a given plane*

Examine the diagram of a right triangular prism.



Describe how a plane and the prism could intersect so that the intersection is:

a line parallel to one of the triangular bases

a line perpendicular to the triangular bases

a triangle

a rectangle

a trapezoid