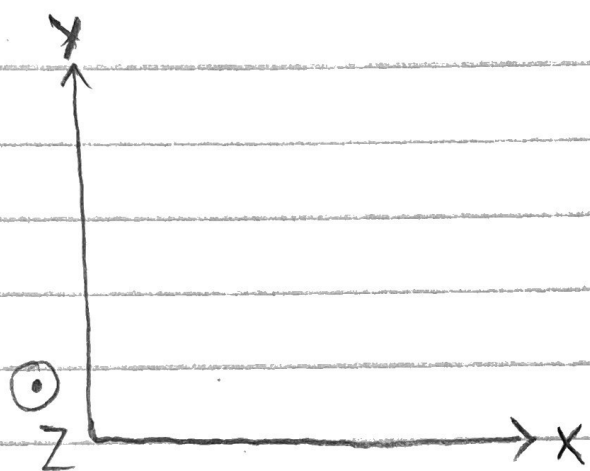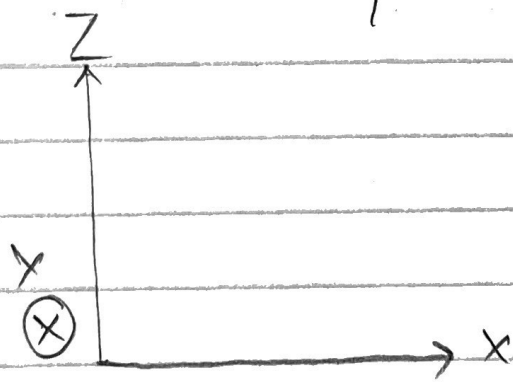# RIGHT HANDED COORDINATE SYSTEM

In this coordinate system, axes are aligned such that:

Y axis points to the right
Y axis points upwards
Z axis points outwards from the paper

Note that at times axis are rotated. For e.g. this is also right handed coord system:

In this case, Y is going towards the paper. However we may orient the axis, what remains constant is the right hand rule where first 3 fingers of right hand are aligned in a way that thumb points in dir of tue z axis, index points in the direction of tue X axis, and middle points in the direction of the Y axis