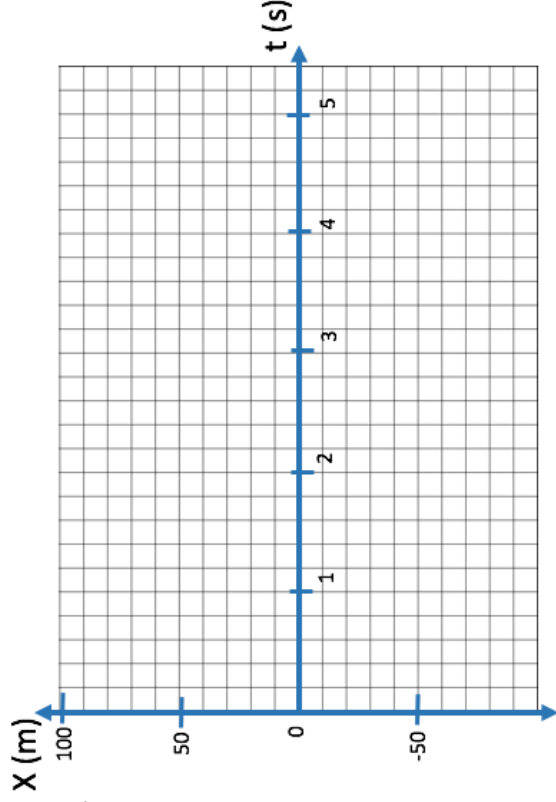


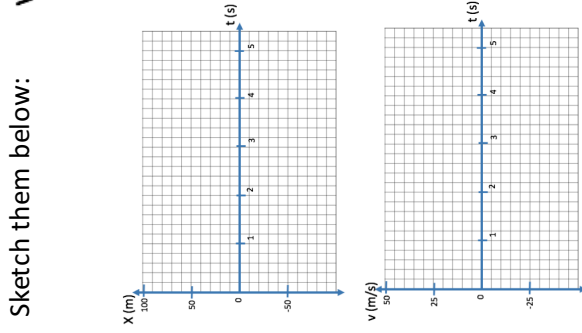
Kinematic Graphs of the vertical and horizontal motions of projectiles.

Name: _____

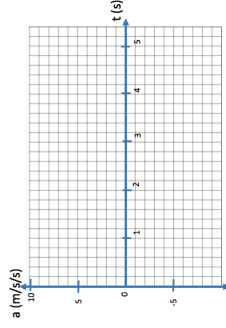
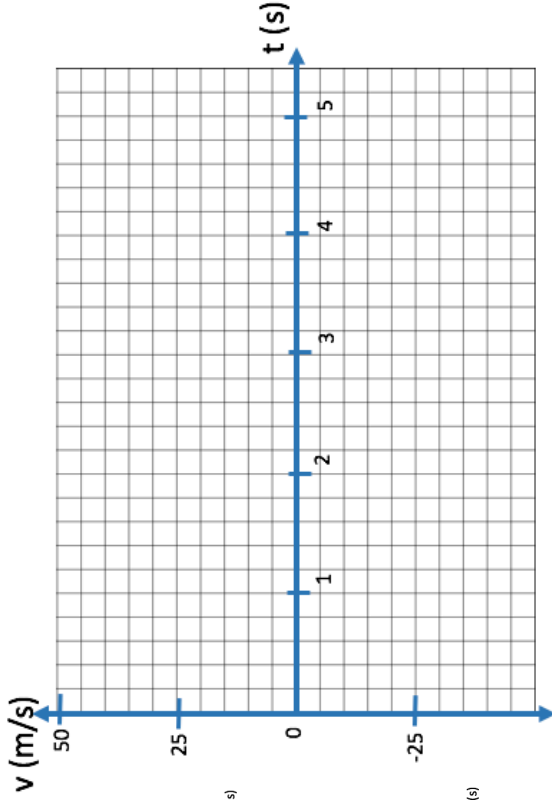
1st: On the graphs at the right, sketch the vertical motion graphs of the ball on the Moon (blue) and on the Earth (green). Down is (-).



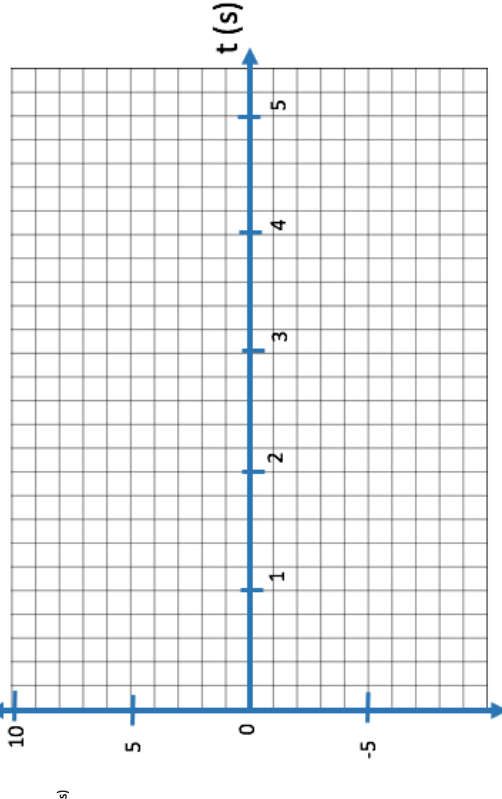
2nd: How would these graphs change if the frame of reference was altered to make down positive? Sketch them below:



$v \text{ (m/s)}$



$a \text{ (m/s}^2\text{)}$



3rd: sketch the horizontal motion graphs of the ball on the Moon (blue dashed line) and on the Earth (green dashed line).