Set up a triple integral that computes the volume of the tetrahedron that lies within the 1st octant, is bounded by the coordinate planes, and by the plane that intersects the coordinate axes at \((1, 0, 0), (0, 2, 0),\) and \((0, 0, 3)\). (The remaining vertex of the tetrahedron is the origin \((0, 0, 0)\)).
Name ________________________