Modeling with Vectors Worksheet

Instructions: Use the coordinate plane below to draw the vectors:

- Initial velocity vector: $\vec{v}_0 = \langle v_0, 0 \rangle$
- Acceleration vector: $\vec{a} = \langle 0, -g \rangle$
- Displacement vector from launch to landing point.

Label the axes and annotate your diagram with appropriate units.

