

We start at the origin, which has coordinates $(0, 0, 0)$. First we move **6** units along the positive x -axis, affecting only the x -coordinate, bringing us to the point $(\mathbf{6}, 0, 0)$. We then move **4** units straight downward, in the negative z -direction. Thus only the z -coordinate is affected, and we arrive at $(\mathbf{6}, 0, \mathbf{-4})$.