

ceiling



A diagram showing a vertical coordinate system. At the top, a horizontal black line is labeled "ceiling". A vertical dashed line extends downwards from the ceiling. A solid blue line starts at the ceiling and extends downwards and to the left. A small horizontal tick mark is on the dashed line. Labels $x = L$ and $x = 0$ are placed to the right of the dashed line, with arrows pointing to the ceiling and the tick mark respectively.

$$x = L$$

$$x = 0$$