

$$y = f(x)$$

$$\delta(x)$$


A graph on a grid. The horizontal axis is labeled  $x$  and the vertical axis is labeled  $y = f(x)$ . The origin is marked with a small circle and labeled  $0$ . A vertical dashed blue line starts at the origin and goes upwards, ending in an arrow. The label  $\delta(x)$  is placed next to the arrow.

0

$x$