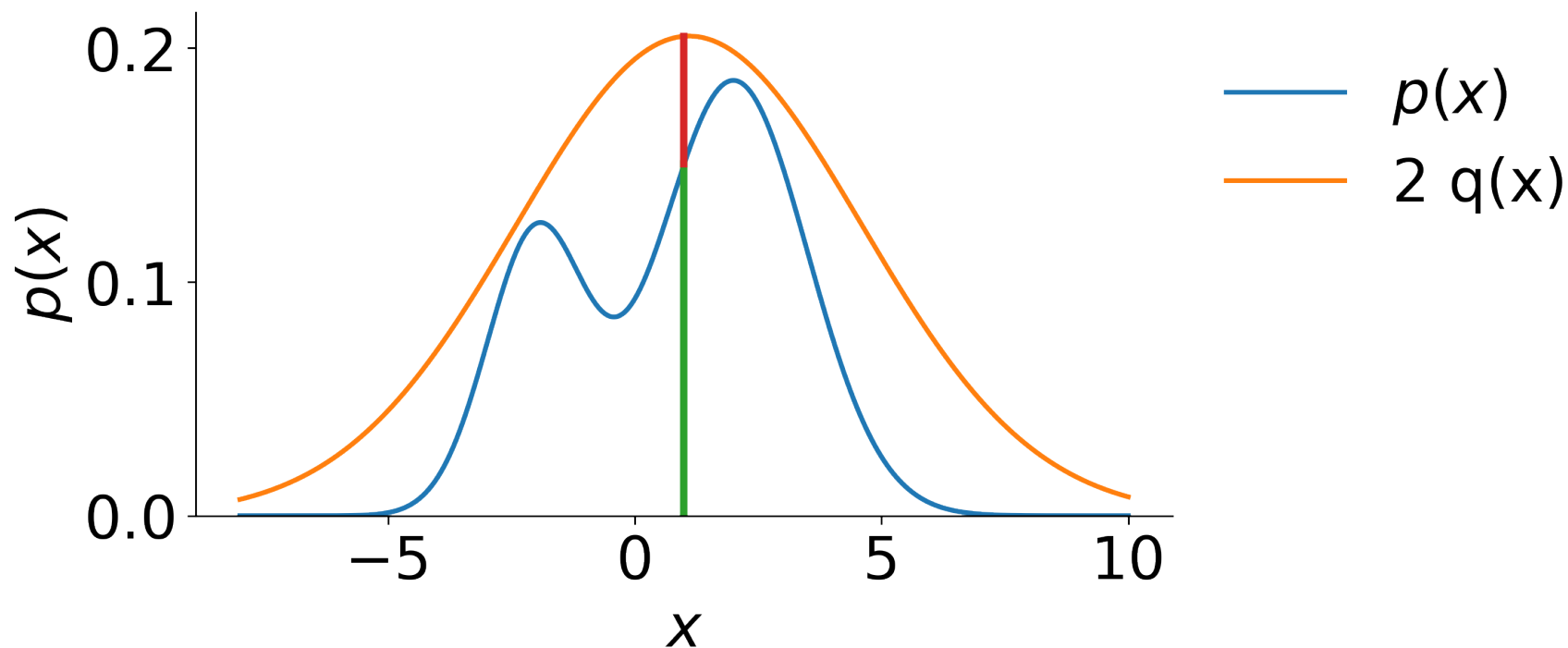


# 1d sampling (continuous)



$$\tilde{x} \sim q(x)$$

$$y \sim \mathcal{U}[0, 2q(\tilde{x})]$$

Accept  $\tilde{x}$  with probability  $\frac{p(x)}{2q(x)}$  : if  $y \leq p(x)$