



A black bell-shaped curve representing a probability density function $p(x)$. The curve is smooth and symmetric, peaking at the center. The label $p(x)$ is positioned above the peak.

$p(x)$



A green bell-shaped curve representing a probability density function $q(x)$. The curve is smooth and symmetric, peaking at the center. The label $q(x)$ is positioned above the peak.

$q(x)$