

$f(x; \mu, \sigma)$

0.25



The figure shows a normal distribution curve on a grid. The y-axis is labeled  $f(x; \mu, \sigma)$ . The area under the curve to the left of a certain point is shaded in light green. This shaded area is labeled with the value 0.25. The curve is symmetric and bell-shaped, with the peak at the center of the grid.