

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

0.25



The figure shows a normal distribution curve on a grid. The vertical axis is labeled $f(x; \mu, \sigma)$. The horizontal axis is unlabeled. A vertical line is drawn at a point to the left of the mean, and the area under the curve to the left of this line is shaded light green. The number 0.25 is written inside the shaded area, indicating the cumulative probability.