

Quiz 1 (Dr. AL-Homidan)(161)

Name:-

ID:-

Find Vertical Asymptote(s) using limit if exist for $f(x) = \ln(x^2 - 25)$. Hint: Find $\lim_{x \rightarrow 5^+} \ln(x^2 - 25)$ if exist,

$\lim_{x \rightarrow 5^-} \ln(x^2 - 25)$ if exist,

$\lim_{x \rightarrow -5^-} \ln(x^2 - 25)$ if exist,

$\lim_{x \rightarrow -5^+} \ln(x^2 - 25)$ if exist,