

CONTINUITY TEMPLATE

To check continuity at $x=a$

1. $f(a) = \underline{\hspace{2cm}}$

2. $\lim_{x \rightarrow a^-} f(x) = \lim_{x \rightarrow a^-} \underline{\hspace{2cm}}$

$\lim_{x \rightarrow a^+} f(x) = \lim_{x \rightarrow a^+} \underline{\hspace{2cm}}$

3. $f(x)$ is continuous at $x=a$
because $\lim_{x \rightarrow a} f(x) = f(a)$