Quiz 5 solutions

What are the *three conditions* you need to check to determine whether a function $f(x)$ is continuous at a?

This straight from the notes. For f to be continuous at a means exactly:

1. f is defined at a. (That is, $f(a)$ is defined.)
2. $\lim_{x \to a} f(x)$ exists.
3. $\lim_{x \to a} f(x) = f(a)$.