Quiz 2a   **Calc 1**   **9/9/22**
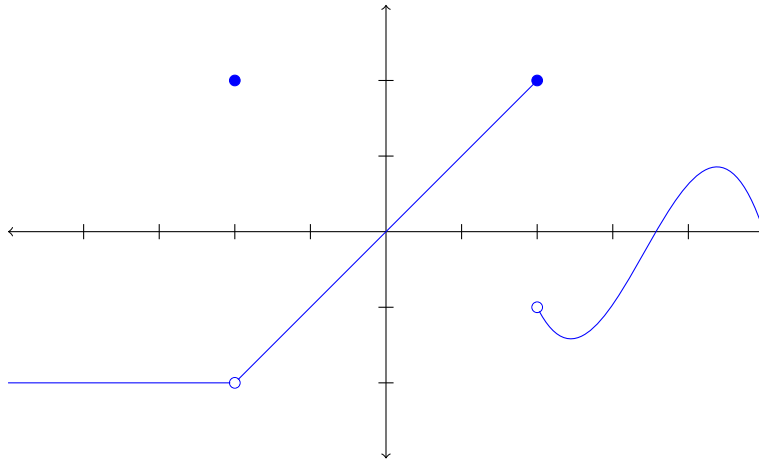
Each question is worth 5 points. Give good justification for full credit.

1. (a) What is $\lim\limits_{x \to 2^+} f(x)$?

    (b) What is $\lim\limits_{x \to 2^-} f(x)$?

    (c) What is $\lim\limits_{x \to 2} f(x)$?

    (d) What is $\lim\limits_{x \to -2^+} f(x)$?

    (e) What is $\lim\limits_{x \to -2^-} f(x)$?

2. Evaluate the limit $\lim\limits_{x \to 5} \dfrac{x^2 - 6x + 5}{x - 5}$.