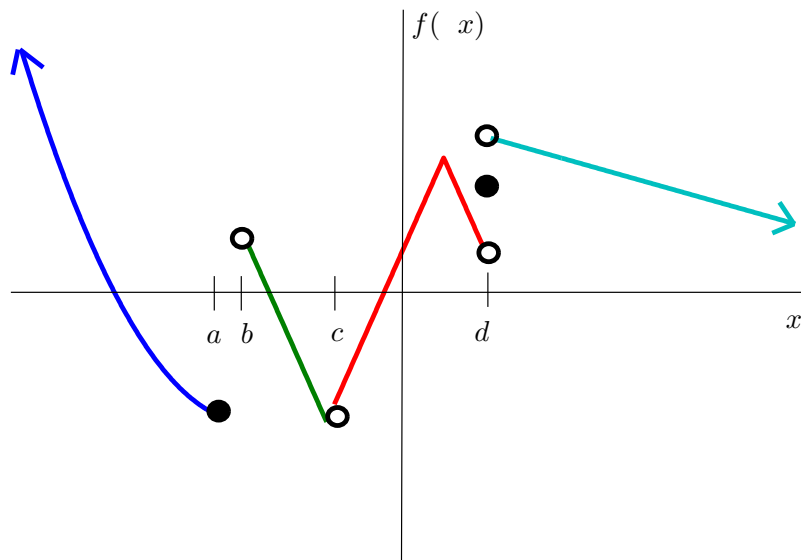# Math 2143 - Brief Calculus with Applications

Quiz #2 - 2008.01.31

Solutions

Graph of the Piecewise Function $f(x)$

For each of the following expressions, state which points a, b, c, and d satisfy the following expressions.

1.
$$\lim_{x \to \_^+} f(x) \text{ Does Not Exist}$$

$$x = a$$

2.
$$\lim_{x \to \_^-} f(x) \text{ Does Not Exist}$$

$$x = b$$

3.
$$\lim_{x \to \_} f(x) \text{ Does Not Exist}$$

$$x = a, x = b, x = d$$