| Math 180-08;10;11 Fall |
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| Quiz 2 September 6th |

Show all work to get full credit of this 10 point quiz. All calculators are allowed, except for phones.

1. (5 points) Rewrite the following equation in equivalent exponential form:

$$\log_4 8 = \frac{3}{2} \tag{1}$$

2. (5 points) Let $f(x) = \frac{x-3}{|x-3|}$. Find f(3) and:

$$\lim_{x \to 3} f(x) \tag{2}$$