Name: _____   Date: _____
PCH   Ms. Loughran

Do Now:

Use the algebraic definition of absolute value to rewrite each expression and then sketch
the graph on a separate piece of graph paper and find its domain and range.

1. $f(x) = |x + 3| - 1$

2. $f(x) = |x - 4| - 1$

3. $f(x) = 2|x + 4| - 2$

4. $f(x) = -3|x + 2| - 5$