1. Write the piece-wise function for the graph:

\[ f(x) = \begin{cases} 
-x-5 & \text{if } x \in (-\infty, -3] \\
-x+1 & \text{if } x \in (-3, \infty) 
\end{cases} \]

2. Write the absolute value equation for the graph in question #1.

\[ y = |x+3| - 2 \]

3. Using a colored pencil, place the following restrictions on the domain:

\[ (-6, -2] U [2, 5) \]