Part II. Evaluate the piecewise function for the given values of *x*.

1. $f(x)=\begin{cases} x+5 & \text{if} \quad x<-2 \\ -4 & \text{if} \quad x\geq -2 \end{cases}$

$f(3)=$ $f(-4)=$ $f(-2)=$

2. $f(x)=\begin{cases} 2x+1 & \text{if} \quad x<1 \\ -2x+3 & \text{if} \quad x\geq 1 \end{cases}$

$f(-2)=$ $f(6)=$ $f(1)=$

3. $f(x)=\begin{cases} -2x-4 & \text{if} \quad x\leq 2 \\ 4x-9 & \text{if} \quad x>2 \end{cases}$

$f(-4)=$ $f(8)=$ $f(2)=$

4. $f(x)=\begin{cases} x-1 & \text{if} \quad x\leq -2 \\ 2x-1 & \text{if} \quad -2<x\leq 4 \\ -3x+8 & \text{if} \quad x>4 \end{cases}$

$f(-1)=$ $f(-4)=$ $f(5)=$

5. $f(x)=\begin{cases} x & \text{if} \quad x\leq -1 \\ -x+4 & \text{if} \quad x>-1 \end{cases}$

$f(-4)=$ $f(0)=$ $f(3)=$

6. $f(x)=\begin{cases} 5 & \textit{if} \quad x<-2 \\ \frac{1}{2}x-6 & \textit{if} \quad -2\leq x\leq 6 \\ -2x+10 & \textit{if} \quad x>6 \end{cases}$

$f(-4)=$ $f(8)=$ $f(-2)=$