7. [6 points] Define the piecewise function $g(x)$ as below, where $a$ and $b$ are constants.

$$
g(x)= \begin{cases}a+b \sin (\pi(x+2)) & x \leq-2 \\ -3(x+2)+4 & x>-2\end{cases}
$$

Find one pair of exact values for $a$ and $b$ such that $g(x)$ is differentiable, or write NONE if there are none. You do not need to simplify your answers but be sure your work is clear.

Answer: $a=$ $\qquad$ and $\quad b=$ $\qquad$

