Definition 1. *Define the function g by the formula* $g(r) = \begin{cases} |r+6| - 1 & -\pi^2 \le r \le -4 \\ \sqrt{r+1} + 2 & -1 \le r < \pi \\ \dfrac{1}{r+3} & 5 \le r < 8 \end{cases}$

Exercise 1
- *Evaluate* $g(-10) = \boxed{DNE}$

- *Evaluate* $g(-\pi) = \boxed{DNE}$

- *Evaluate* $g(-2) = \boxed{DNE}$

- *Evaluate* $g(4) = \boxed{DNE}$

- *Evaluate* $g(8) = \boxed{DNE}$

Enter DNE if the value does not exist.