

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

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.