Definition 1. *Several functions are defined below.*

- $g(p) = \dfrac{x-5}{x+3}$ *with domain* $[0, \infty)$.
- $T(w) = |w-4|+1$ *with domain* $(-\infty, 0)$.
- $v(F) = 3\sqrt{5-F} - 4$ *with domain* $[-5, 5]$.
- $L(x) = 3x - 4$ *with domain* $(-\infty, \infty)$.

Exercise 1 *Evaluate the following. Enter DNE if the value does not exist.*

$g(0) =$ $\boxed{-5/3}$
$g(-1) =$ $\boxed{DNE}$

Exercise 2 *Evaluate the following. Enter DNE if the value does not exist.*

$T(4) =$ $\boxed{DNE}$
$T(-1) =$ $\boxed{6}$

Exercise 3 *Evaluate the following. Enter DNE if the value does not exist.*

$v(-5) =$ $\boxed{3 * sqrt(10) - 4}$
$v(5) =$ $\boxed{-4}$

Exercise 4 *Evaluate the following. Enter DNE if the value does not exist.*

$L(\sqrt{5}) =$ $\boxed{3 * sqrt(5) - 4}$
$L(\pi) =$ $\boxed{3 * pi - 4}$
