June 25, 14

- Imagine that there was a class in which there were only quizzes, Q, and your grade was defined by the variable G.

- Is G a function of Q? Why or why not? G(Q)

G is a function of Q

Is Q a function of G? Why or why not?

Q isn't a function of G.

Domain

→ The domain of a function is the subset of real numbers that can be used as inputs and still get a real number as an output.

→ The majority of functions will accept ALL Real Numbers as inputs. ℝ

Such as:

$f(x) = x+3$ → $3+3 = 6$

$f(x) = x^2$ → $3^2 = 9$

$f(x) = 2|x|$ → $2|3| = 6$