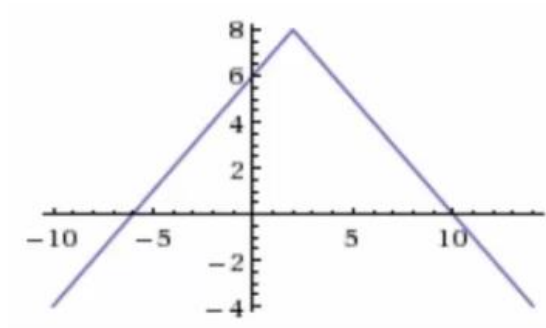Domain, Range Vertical line test

- Every <u>input</u> has exactly one <u>output</u>

$f(x) = y$ 　　　　　　　　　　　　$f : x$



- Examples:
    1. $f(1)$ when x is 1, what is y or $f(x)$ ?
       $f(1) =$

    2. $f(x) = 2$ when y is 2, what is x (may be more than one value)?
       $f(\quad) = 2$

- Vertical Line Test