

Date:

Day 10, 1.2.5) What can go in? What can come out? I will be able to describe the domain and range of a function by examining a table or graph. p. 32) 1-72, 1-73 and function sort activity

1-72] a) find  $f(-3)$ ,  $f(0)$ , and  $f(2)$  for the function:  $f(x) = \frac{6}{x-3}$

b) Find  $f(3)$ . What happened?

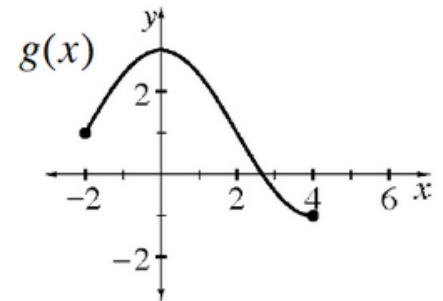
c) Are there any other inputs/values that  $x$  cannot be? Explain.

d) Define DOMAIN:

Describe the domain of this function:

e) Other types of functions we've examined with limited domains are...

1-73] a) Is  $g(x)$  a function? Justify.



b) Which  $x$ -values have points on the graph? (aka, what is the DOMAIN?)

c) What are all the possible outputs for  $g(x)$ ? (aka, what is the RANGE?)

Define RANGE:

d)

e) Other types of functions we've examined with limited ranges are...

SUMMARY: