

NAME:

DATE:

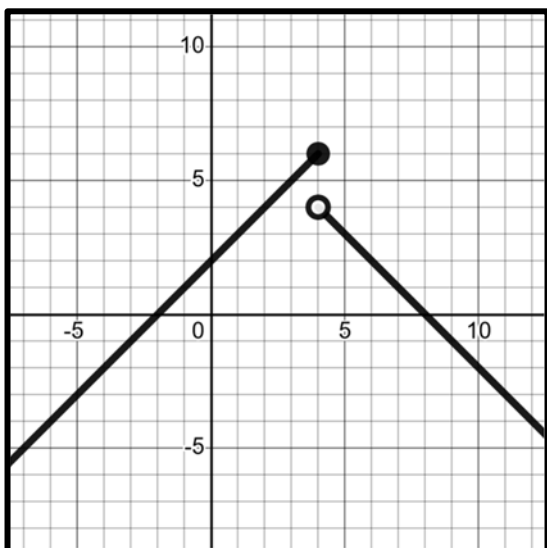
A2.Q1.BERMELLEEMBO:

FUNCTIONS

(DAY F4)

MASTERY PRACTICE

#1. Let $y = f(x)$



A. On what interval of x is the function decreasing?

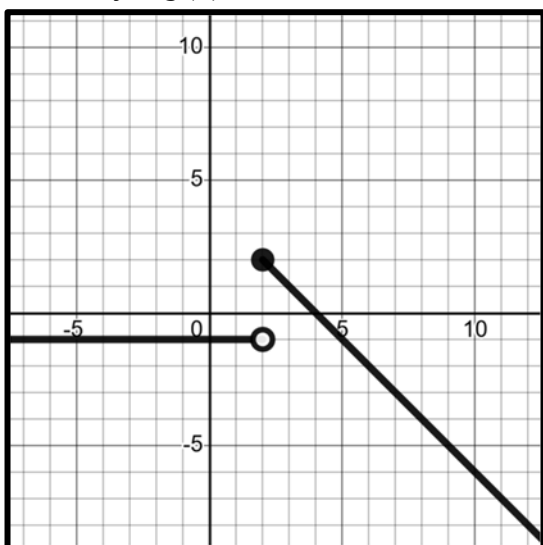
B. On what interval of x is the function constant?

C. On what interval of x is the function increasing?

D. Find the “y-intercept” and show the function notation that leads to the answer.

E. Find the zero(s) of the function and show the function notation that leads to the answer(s).

#2. Let $y = g(x)$



A. On what interval of x is the function decreasing?

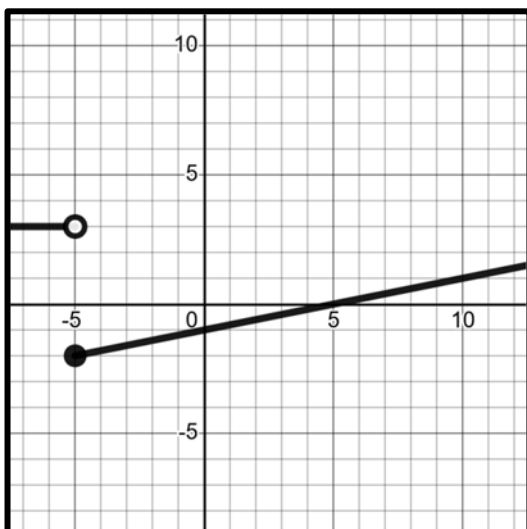
B. On what interval of x is the function constant?

C. On what interval of x is the function increasing?

D. Find the “y-intercept” and show the function notation that leads to the answer.

E. Find the zero(s) of the function and show the function notation that leads to the answer(s).

#3. Let $y = f(x)$



A. On what interval of x is the function decreasing?

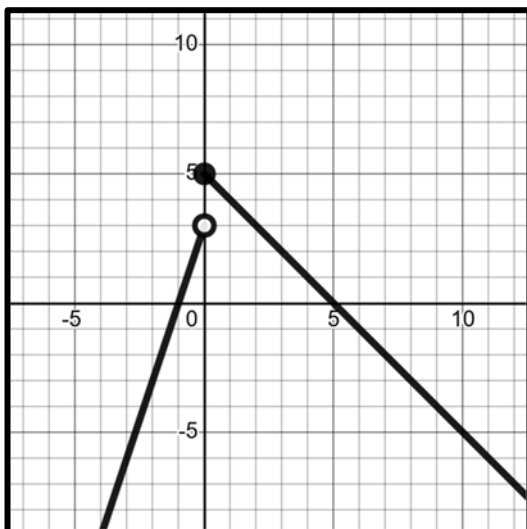
B. On what interval of x is the function constant?

C. On what interval of x is the function increasing?

D. Find the “y-intercept” and show the function notation that leads to the answer.

E. Find the zero(s) of the function and show the function notation that leads to the answer(s).

#4. Let $y = g(x)$



A. On what interval of x is the function decreasing?

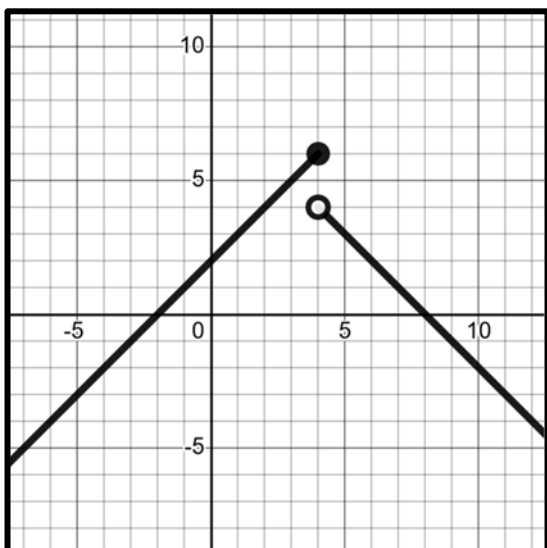
B. On what interval of x is the function constant?

C. On what interval of x is the function increasing?

D. Find the “y-intercept” and show the function notation that leads to the answer.

E. Find the zero(s) of the function and show the function notation that leads to the answer(s).

#5. Let $y = f(x)$



Find each quantity below:

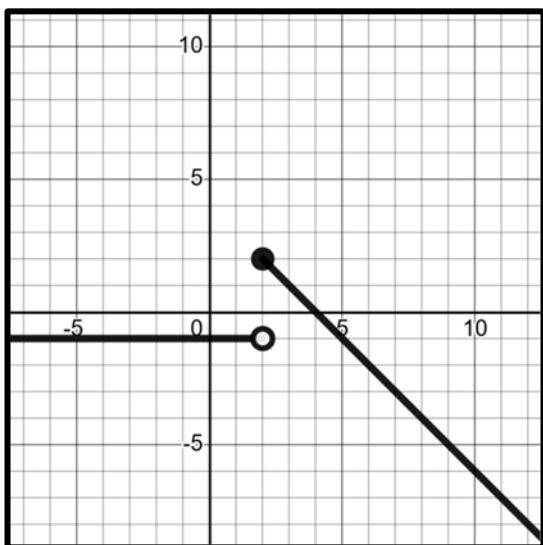
A. $f(10)$

B. $f(5)$

C. $f(-5)$

D. $f(4)$

#6. Let $y = g(x)$



Find each quantity below:

A. $g(10)$

B. $g(5)$

C. $g(-5)$

D. $g(2)$