

NAME:

DATE:

A2.Q1.BERMELLEEMBO:

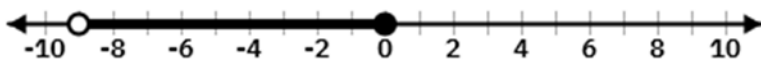
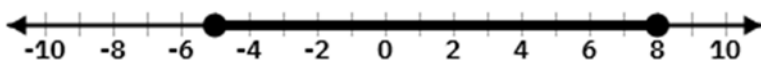
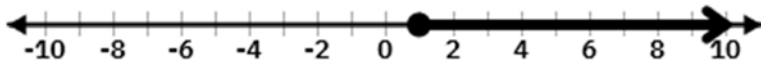
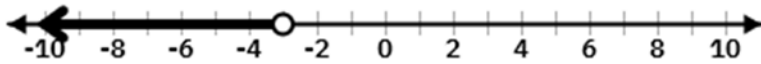
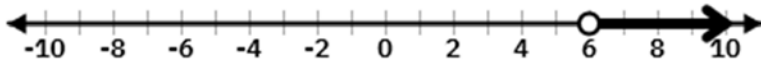
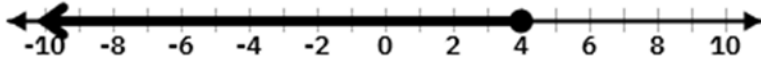
FUNCTIONS

(DAY F4)

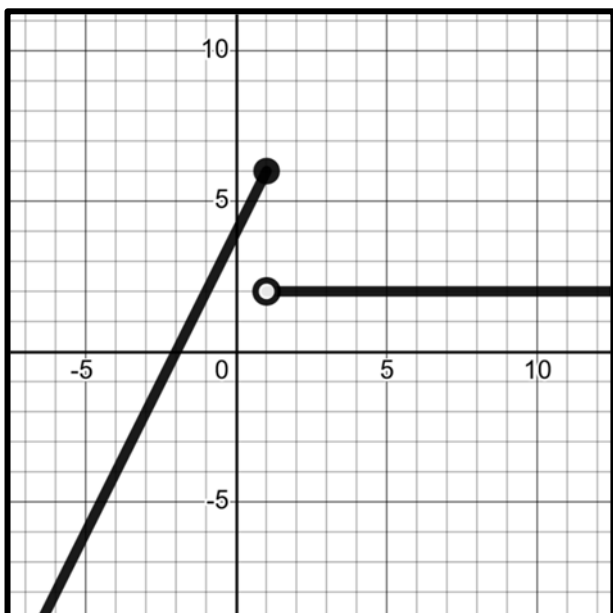
NOTES

Every graph highlights certain values of x by shading them on a number line.

Write the inequality that represents the interval of shaded x -values.



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



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

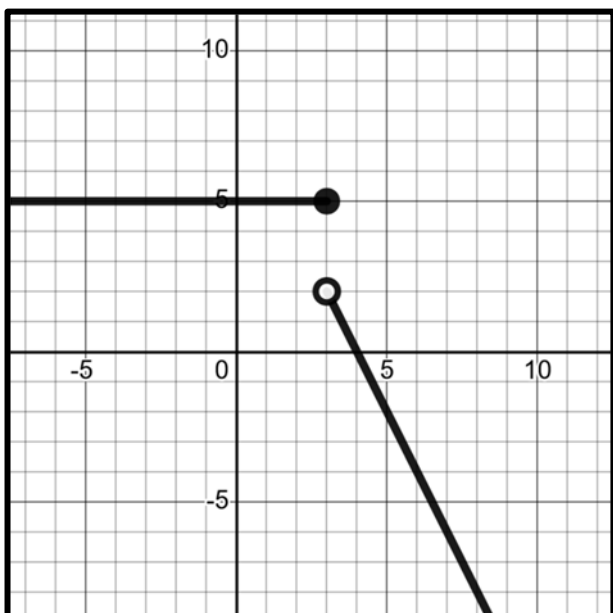
B. On what interval of x is the function constant?

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?

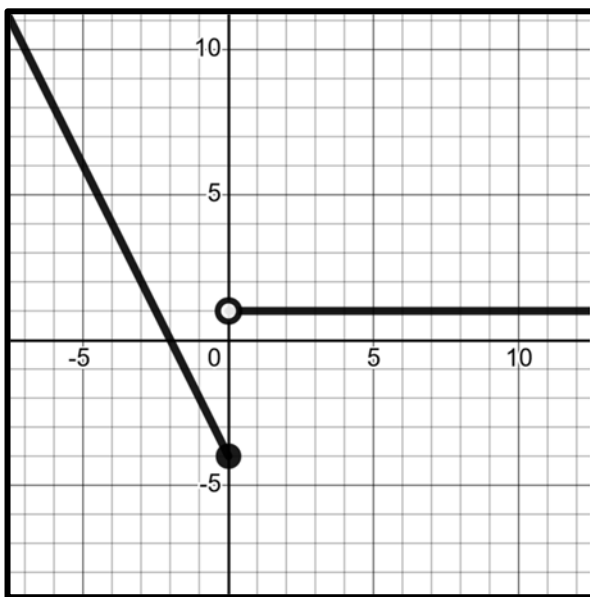
B. On what interval of x is the function constant?

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?

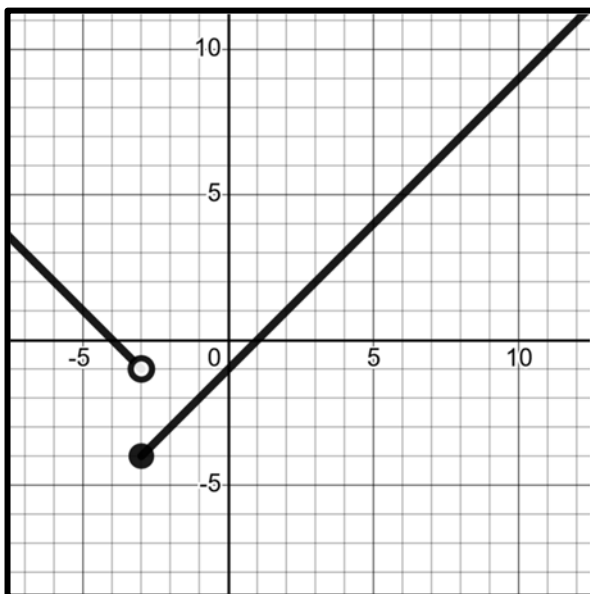
B. On what interval of x is the function constant?

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).