

NAME:

DATE:

A2.Q1.BERMELLEEMBO:

FUNCTIONS

(DAY F1)

NOTES

1. Consider the function: $f(x) = 3x - 6$

A. Find $f(4)$

B. Find $f(-1)$

C. Find the “y-intercept” of the function.

D. Is $x = 2$ a zero of the function?

E. Write each of the results of A, B, C, and D in terms of their input/output relationship.

F. Write each of the results of A, B, C, and D in a table of values.

2. Consider the function: $g(x) = -\frac{1}{5}x + 1$

A. Find $g(10)$

B. Find $g(-5)$

C. Find the “y-intercept” of the function.

D. Is $x = 5$ a zero of the function?

E. Write each of the results of A, B, C, and D in terms of their input/output relationship.

F. Write each of the results of A, B, C, and D in a table of values.

3. Consider the function: $f(x) = \frac{4}{3}x - 16$

A. Find $f(9)$

B. Find $f(-6)$

C. Find the “y-intercept” of the function.

D. Is $x = 3$ a zero of the function?

E. Write each of the results of A, B, C, and D in terms of their input/output relationship.

F. Write each of the results of A, B, C, and D in a table of values.