

NAME:

DATE:

A2.Q1.BERMELLEEMBO:

FUNCTIONS

(DAY F1)

MASTERY PRACTICE

1. Consider the function: $f(x) = -2x + 7$

A. Find $f(3)$

B. Find $f(-7)$

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.

2. Consider the function: $g(x) = -\frac{1}{3}x - 5$

A. Find $g(6)$

B. Find $g(-9)$

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

D. Is $x = -15$ 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: $f(x) = \frac{5}{4}x + 10$

A. Find $f(8)$

B. Find $f(-16)$

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

D. Is $x = -8$ 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.