Math II – Step Function CW

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_\_\_\_\_\_\_\_\_\_\_SCORE\_\_\_\_\_\_\_\_\_

1. 

1. Write a function to represent this situation.

b) Graph the function. Label the axes. 

2. A kids bounce house charges $8 for the first hour and $2 for each additional hour of playtime. Write a function that represents the charges for up to 5 hours of playtime.

b) Graph. Label the axes.



3. A small company pays its employees a commission based on the total value of clothing sold. The commission is as follows:

* 6% for sales more than $0 and up to and including $30
* 9% for sales more than $30 and up to and including $60
* 12% for sales more than $60 and up to and including $90, and
* 15% for sales more than $90

1. Write a function to represent this situation.
2. Graph. Label the axes

