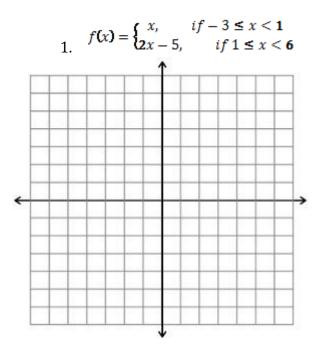
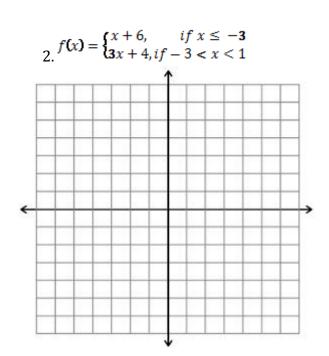
## Secondary II Homework 12-1 Piecewise

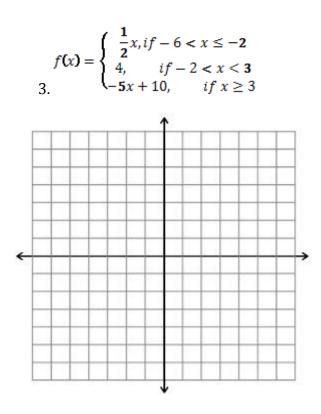
Name:\_\_\_\_\_

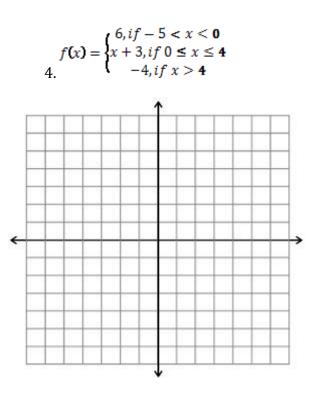
Class Period:\_\_\_\_\_

1-4: Graph the piecewise function.

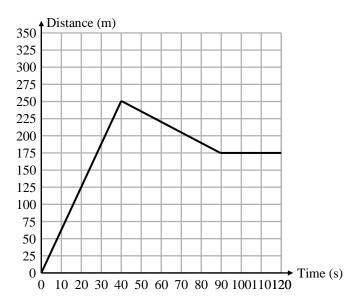








5. The graph shows the motion of a train car on a train track. Use the graph to answer the questions.



- a. What is happening at time = 40s?
- b. What is happening from time = 0s until time = 40s? What is the slope of this line? Show your work.

c. What is happening from time = 40s until time = 90s? What is the slope of this line? Show your work.

d. What is happening from time = 90s until time = 120s? What is the slope of this line? Show your work.

e. Write an equation for this graph. Be sure to include the domain.