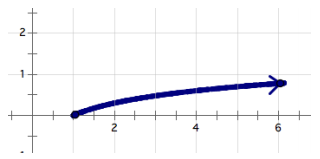
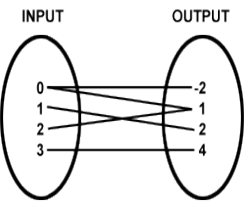
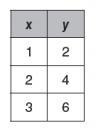
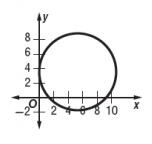
**Unit 3 Review – Features of Functions**

**I. Determine whether each is a function or not. Simply write “yes” or “no”**

1. 2.

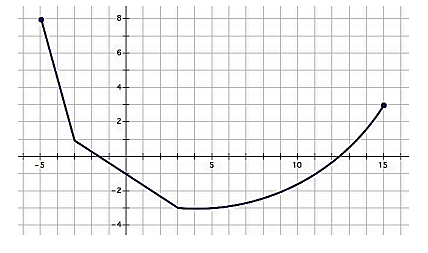


3. 4. 



**5. 6.**

**II. Use the graph below to identify the key features for the function.**



Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increasing Interval: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Decreasing Interval: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

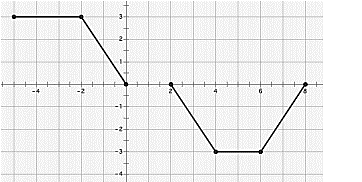
Constant Interval: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

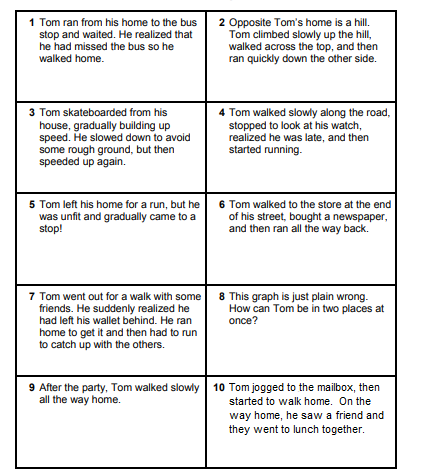
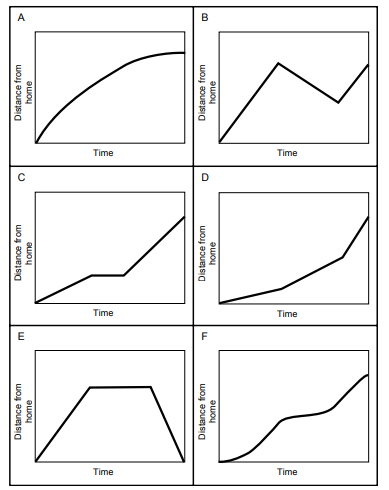
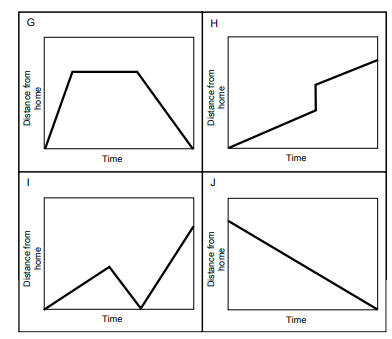
x-intercept: \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_

y-intercept: \_\_\_\_\_\_\_\_\_\_

Minimum: \_\_\_\_\_\_\_\_\_\_

**III. Use the graph of below to find the indicated values.**



******IV. Match the story to the graph by placing the story number in the blank beside each graph. The units for each graph are a measurement of time (*x*) and a measurement of distance from home (*y*)**