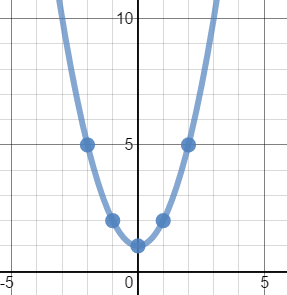
Algebra II Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

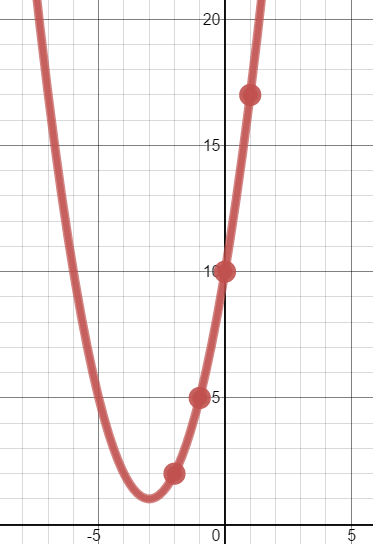
Average Rate of Change Worksheet Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour\_\_\_\_\_\_\_

Homework #5

1. Look at the graph of f(x) = x2 + 1. What is the average rate of change between?

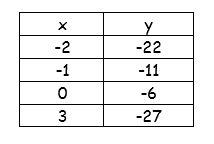


2) Look at the graph of f(x) = x2 +6x + 10. What is the average rate of change between?

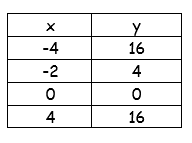


3) Look at the table below. What is the average rate of

change between ?



4) Look at the table below. What is the average rate of change between?

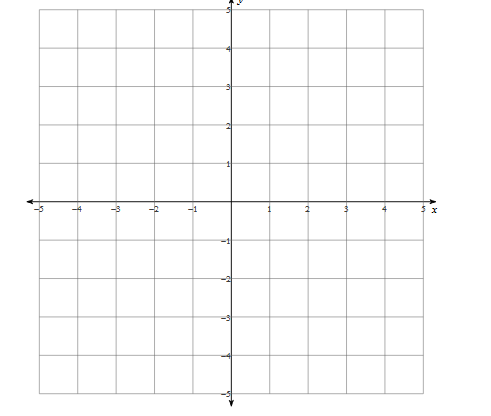


5) Consider the function y = x2+4. What is the average rate of change between?

6) Consider the function y = -x2+4. What is the average rate of change between?

7) Consider the function y = ½x2+4. What is the average rate of change between?

8) Consider the function y = 3x2 – 3. What is the average rate of change between

9) Sketch a graph of a function that has a negative average rate of change between