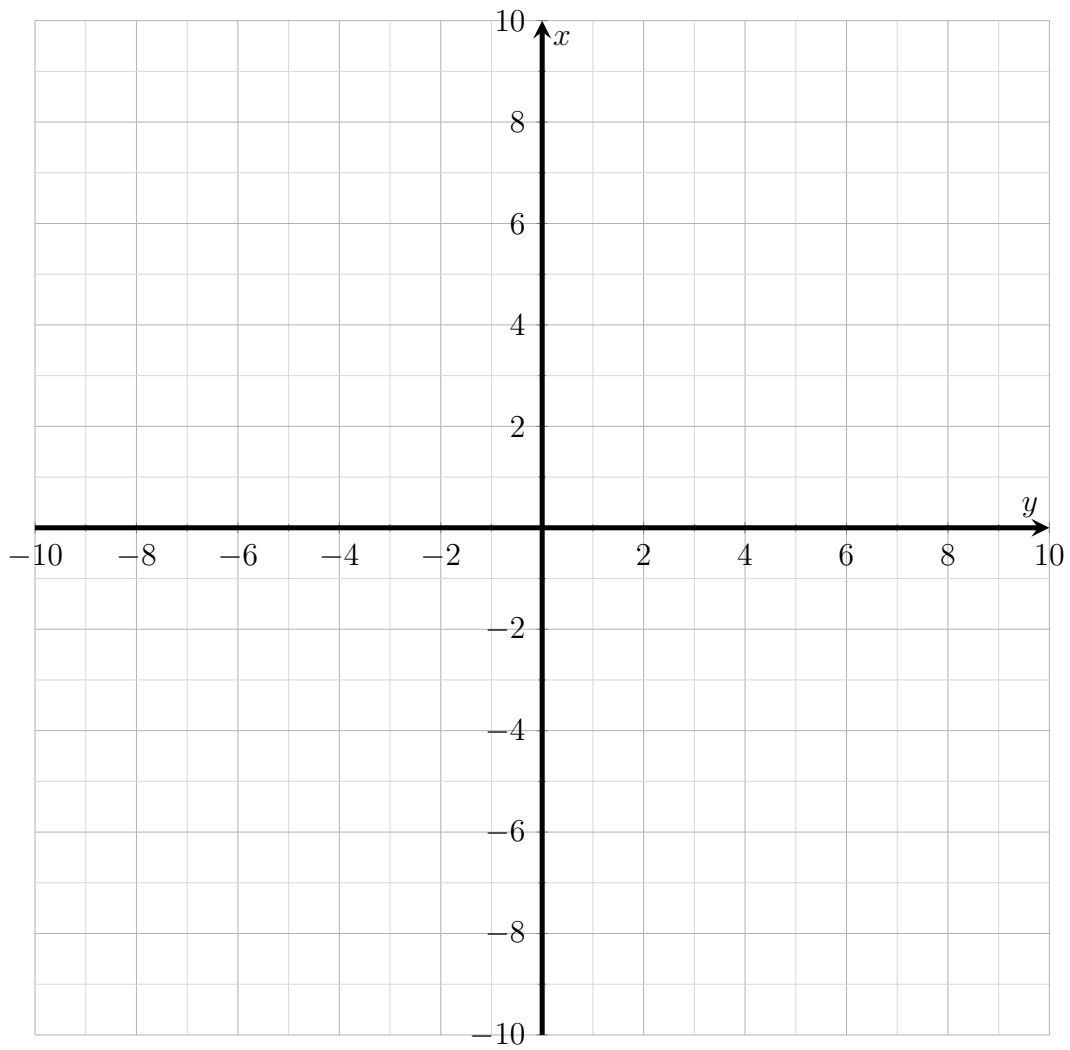


## **Second Derivatives Graphical Activity – part A**

After working with applications of second derivatives, this activity would be given. Students will work in pairs. The two pages below will be given to each pair. One student will have one and the other will have the second. Each student should not show their paper to the other. The pair are to follow the directions on the pages given.

## Function Sketching Activity IV - B

**Instructions:** Draw the graph described by your partner on the *non-standard axes* below.



### Function Sketching Activity IV - B

**Instructions:** Using only ordered pairs, domain, range, the sign of the function on intervals, limits, first derivative information, and second derivative information, describe the provided graph of  $y = f(x)$  to your partner.

