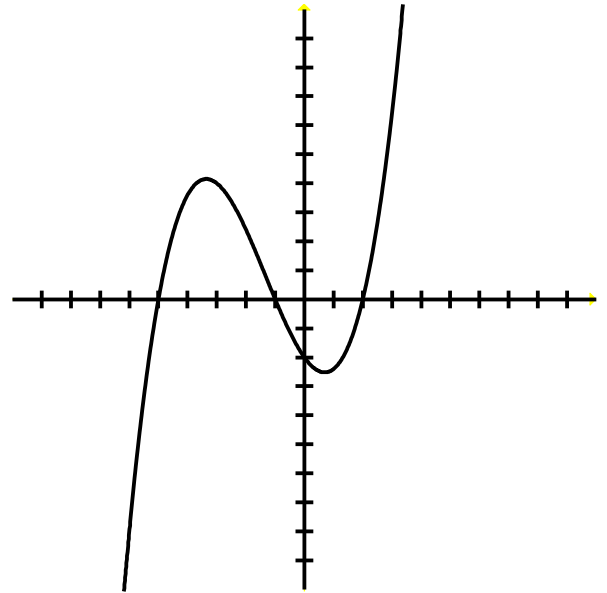


- 1) Given the graph to the right, determine the intervals on which the derivative is positive.



- 2) Given the graph to the right, determine the intervals on which the derivative is negative.

- 2) Find the limit below.

$$\lim_{x \rightarrow -4} \frac{x + 4}{x^2 + 5x + 4}$$

- 2) Find the limit below.

$$\lim_{x \rightarrow -4^+} \frac{1}{x + 4}$$