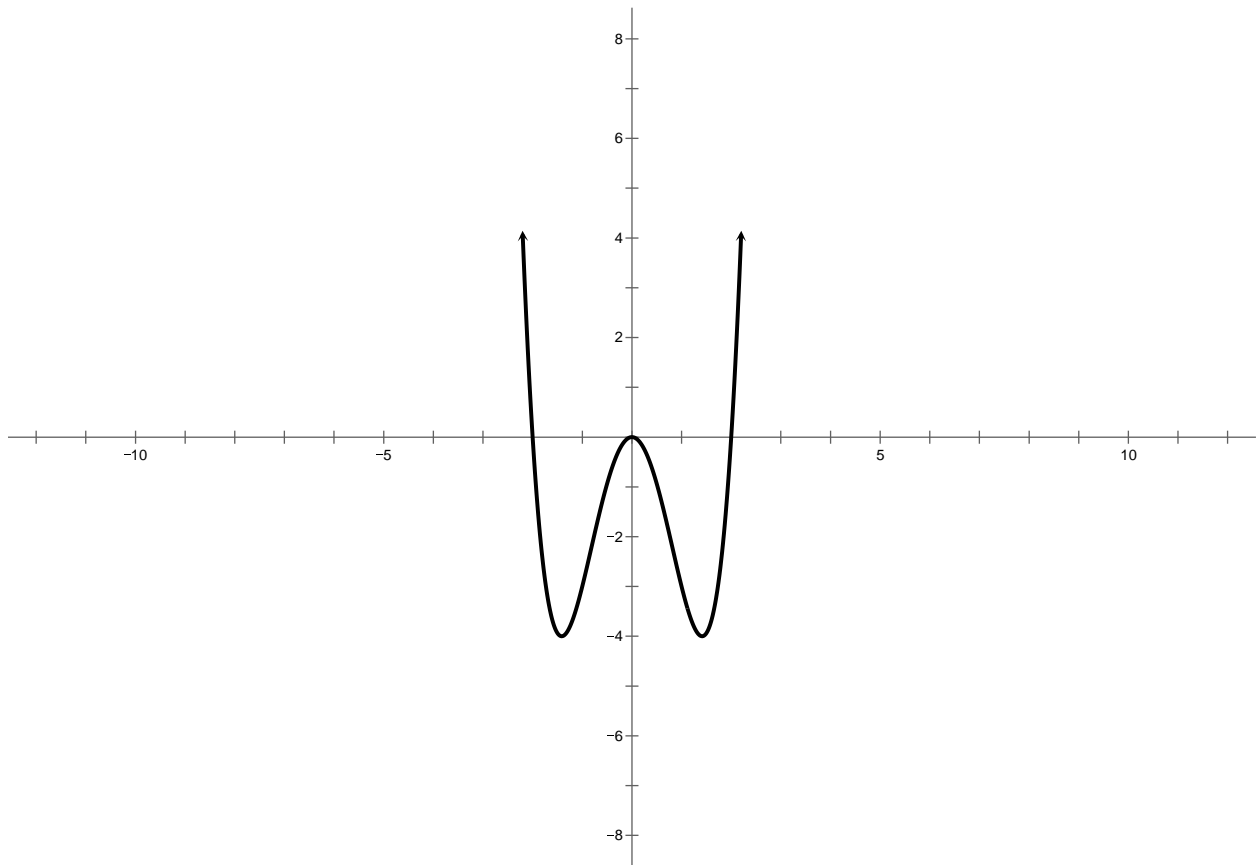


Analysis of Graphs Activity

Part I:

Given the graph of f below,

- (a) find the intervals where f is continuous
- (b) find the intervals where f is differentiable
- (c) find the intervals where $f'(x) < 0$
- (d) find the intervals where $f'(x) > 0$
- (e) find the intervals where f' is decreasing
- (f) find the intervals where f' is increasing



Part II:

Given the graph of f' below,

- (a) find the intervals where f is increasing
- (b) find the intervals where f is decreasing
- (c) find the values of x where f has a relative minimum
- (d) find the values of x where f has a relative maximum
- (e) find the values of x where f has an inflection point

