

Ask for a Sign

We use sign tables to connect the properties of a function f to its derivative f' . Recall from last class:

- We look for critical values of f in the interior of an interval on $a < x < b$.
Critical values of f occur at values of x where the derivative f' is _____.
- An **absolute** extreme point (max or min) on an interval may occur at a critical value or at _____.
- Use the word bank to complete each.
 - If f changes from decreasing to increasing at point P , then P is a _____
{max, min}
 - If f changes from increasing to decreasing at point P , then P is a _____
{max, min}
- In the sign table below, insert + or - for f' .

