

IN CLASS GROUP WORK

Analyze this function: $y = (x^2 - 20)e^{x/4}$. Find x and y intercepts, as well as points of discontinuity, if any. Find high and low points, inflection points, critical points. Points where y' or y'' are undefined, if any. Analyze behavior as x goes to $\pm\infty$. Find any asymptotes.