

This quiz is worth 10 points and you have 10 minutes to complete it.

Calculators are NOT allowed today.

1. (5 pts) State the Mean Value Theorem and explain in a brief sentence what it means in terms of slopes and tangent lines.

2. (5 pts) Given that $f(x) = x^2 - 2x$, create number lines for f , f' , and f'' , and use them to sketch an accurate graph of f .