

Quiz #25

Name: Key*You must show your work to get full credit.*

1. If a function is given by the table

Let $f(x)$ be a function such that

- $f'(x) > 0$ for $x < 10$ ↗
- $f'(x) < 0$ for $x > 10$ ↘
- $f''(x) > 0$ for $x < 5$ ✓
- $f''(x) < 0$ for $x > 5$ ∩

Draw a graph for a function that fits this data and label, on the graph, and local maximums, local minimums, and inflection points.

