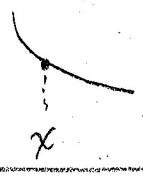
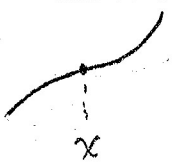
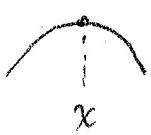
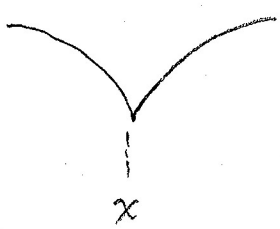
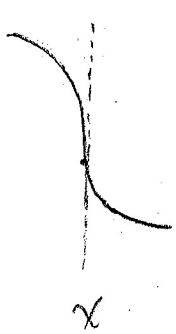
RECAP

DAY 28
13 APR 22

What $f''(x)$ tells you about the shape of a graph.

| | | |
|---|---|---|
| $f''(x) > 0$ | Concave up at $x$ |   |
| $f''(x) < 0$ | Concave down at $x$ |   |
| $f''(x) = 0$ | Inflection point at $x$ |   |
| | Local minimum at $x$ |   |
| | Local maximum at $x$ |   |
| $f''(x)$ DNE | Cusp / corner at $x$ |   |
| | Vertical tangent at $x$ |   |