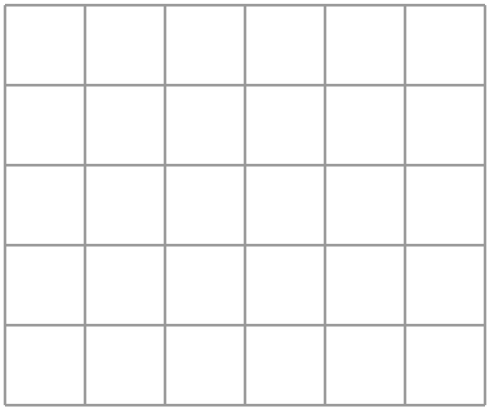
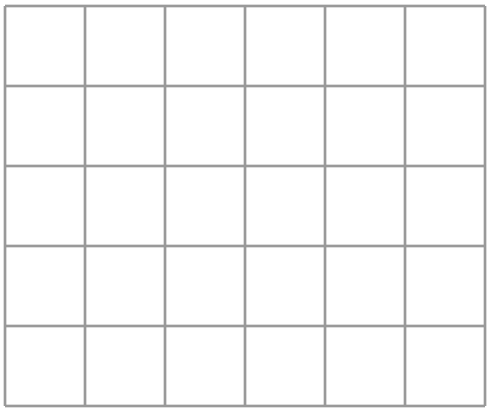
1. Sketch the graph of a function f satisfying the following:

   - f is continuous on $[0, 4]$
   - f has a local maximum at 1
   - f is not differentiable at 1, but is differentiable at all other points in $(0, 4)$
   - f has an absolute maximum at 3
   - the absolute minimum value of f is 1.

   (Two grids are provided; one is for practice. Be sure to indicate which grid contains your final answer.)





2. Sketch the graph of a function f satisfying the following:

- f is defined on $[0, 4]$, and continuous on $(0, 4)$.
- f is differentiable on $(0, 4)$.
- f has a local maximum at 2
- $f'(3) < 0$
- f has no absolute maximum or minimum on $[0, 4]$.

(Two grids are provided; one is for practice. Be sure to indicate which grid contains your final answer.)