

Some suggestions from an AP[®] Reader about how to sketch lines on graphs:

- Use a ruler with a straightedge.
 - Really.
 - I mean it.
 - I'm still not kidding.
 - And then actually use the ruler to draw straight lines!
- Use the ruler to draw horizontal lines.
 - Measure up from the horizontal axis and draw two dots which are equidistant from the horizontal axis.
 - Connect the dots using the ruler.
- Writing just "horizontal" will not count for "sketching a horizontal line".
 - You need to actually *sketch* when they ask you to *sketch*.
- If you are still unable to draw a horizontal line, you can write "horizontal" by the line to let the grader know you tried to draw a horizontal line.
- The grader cannot give you credit for anything you crossed off.
- You can create a new graph if you completely mess up the one provided.
 - Cross off the one you do not want graded.
 - Create a new graph and sketch in that one.
 - Make it very clear what you want graded.
- You have to sketch inside the graph provided.
 - Do not draw below the horizontal axis if there is no space provided there.
- If you are unsure if you should draw a straight line or a curved line, do not try to hedge your bets. Commit to one answer and make it clear.
- Do not use multiple colors. The scan the grader has to grade will most likely be black and white.
- You have to sketch a horizontal line at zero. Leaving it blank will not receive points.
 - The axes are dotted lines to make it clear that when a student has drawn something on an axis.
- While sketches may seem relatively unimportant because they are "just drawings", your sketches can be worth as many points as multi-step derivations!
- Please bring a ruler with a straight edge to the exam. And use it!