

TASK

- Do this task in a group of max 4 students (could be less than 4 students but cannot more than 4 students; you can choose your own team).
- Do the following on a piece of paper with pen (not pencil), **handwritten**.
- Provide full steps to gain full marks
- Put your FULL names and ID numbers (of all the members)
- Scan it or screenshot it.
- Save it as “pdf” file
- **Because this is GSLC, everyone in each group has to submit the answer otherwise he/she is regarded as absent student in this GSLC session.**

Given $f(x) = x^3 - 3x + 2$.

a. Sketch the curve for $-2 \leq x \leq 2$.

Find the area bounded by $f(x)$, x axis, $x = -2$ and $x = 1$, using 6 sub-intervals and:

- b. Left Riemann
- c. Right Riemann
- d. Mid Riemann