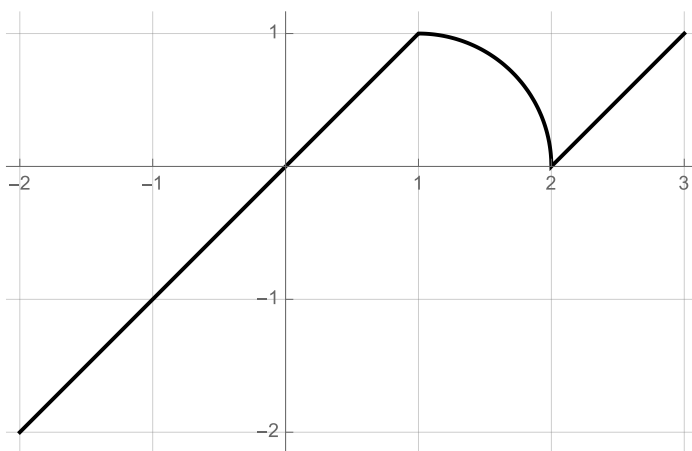


Calc II First day problems

Here are a couple problems for group work that should help you get the mood for Calc II!

1. The graph of a function is shown in the figure below. Compute

$$\int_{-2}^3 f(x) dx.$$



2. Evaluate $\int_0^3 |x - 1| dx$
3. Evaluate $\int_0^\pi \sin(3x) dx$
4. Explain why $\int_{-1}^1 \sin(x^3) dx = 0$.