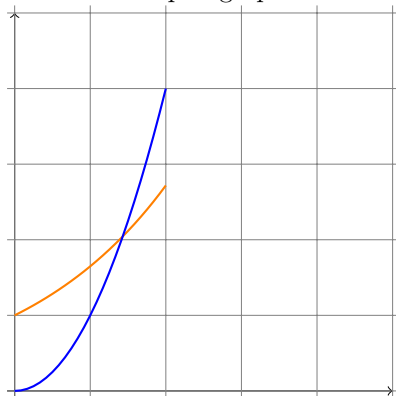# Plottting Ticz
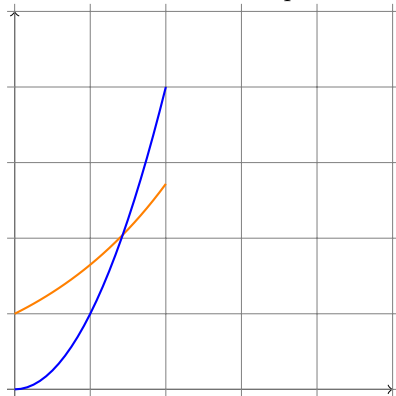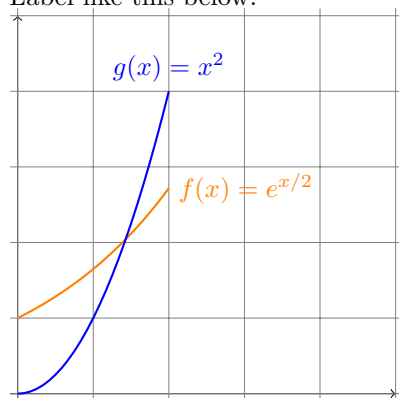
JV

May 21, 2023

This is a test paragraph.
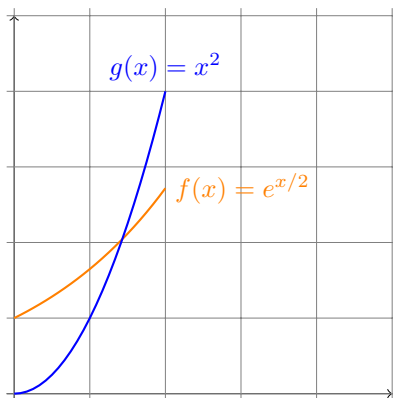
We define domain on top near tikzpicture below:
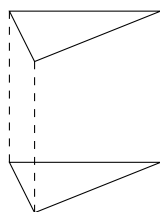
Label like this below:

$g(x) = x^2$

$f(x) = e^{x/2}$

Center this picture:

$g(x) = x^2$

$f(x) = e^{x/2}$

See the coordinate system:

Integral thing (dashed area):

$$f(x) = e^{x/2}$$
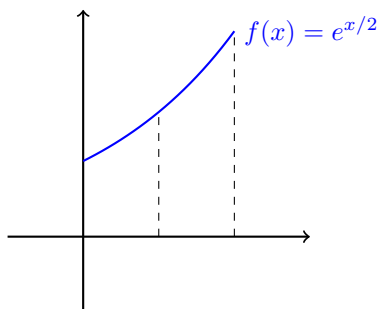
Integral with shaded area:

$$f(x) = e^{\frac{x}{2}}$$

a

b

x

y