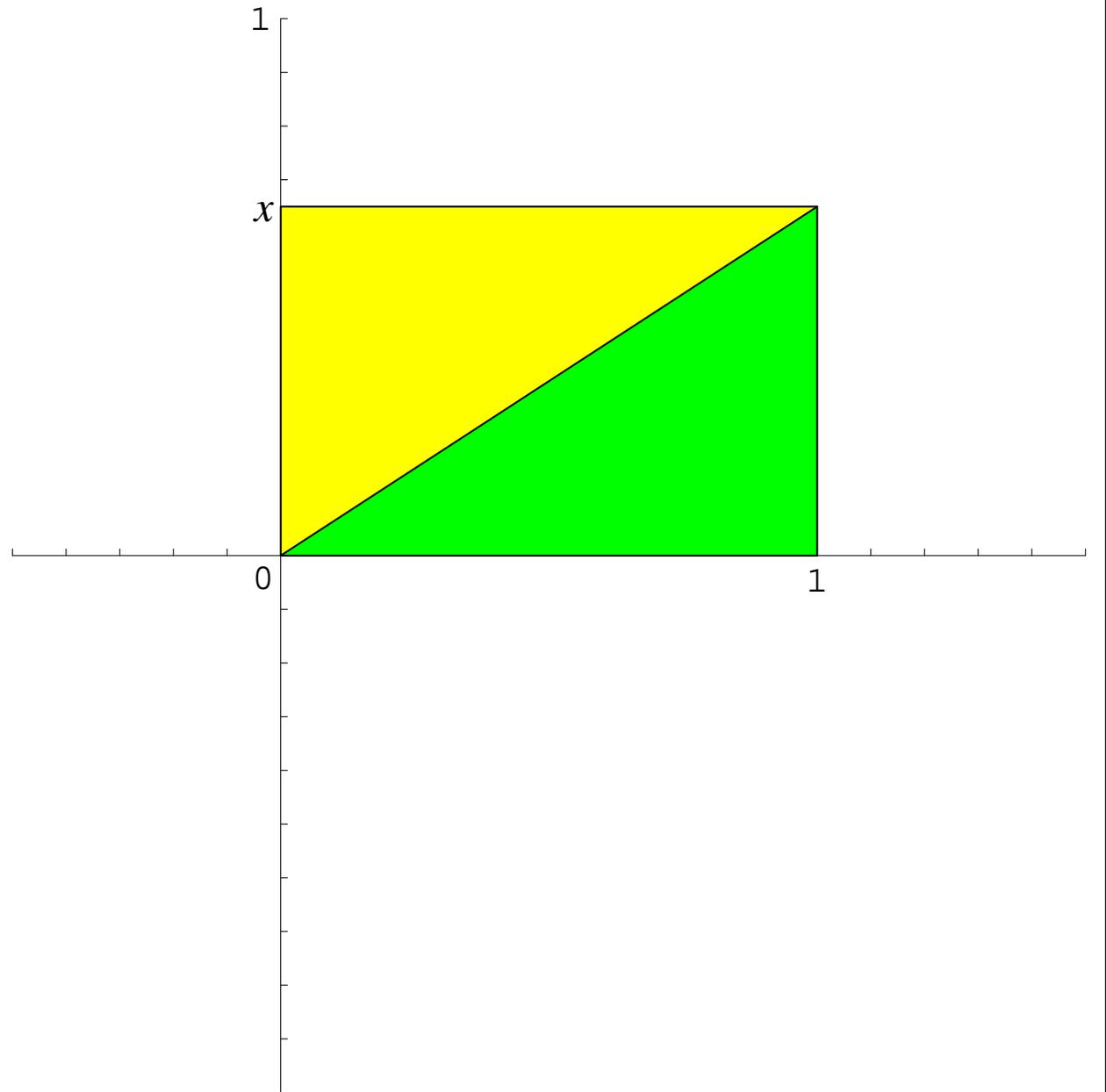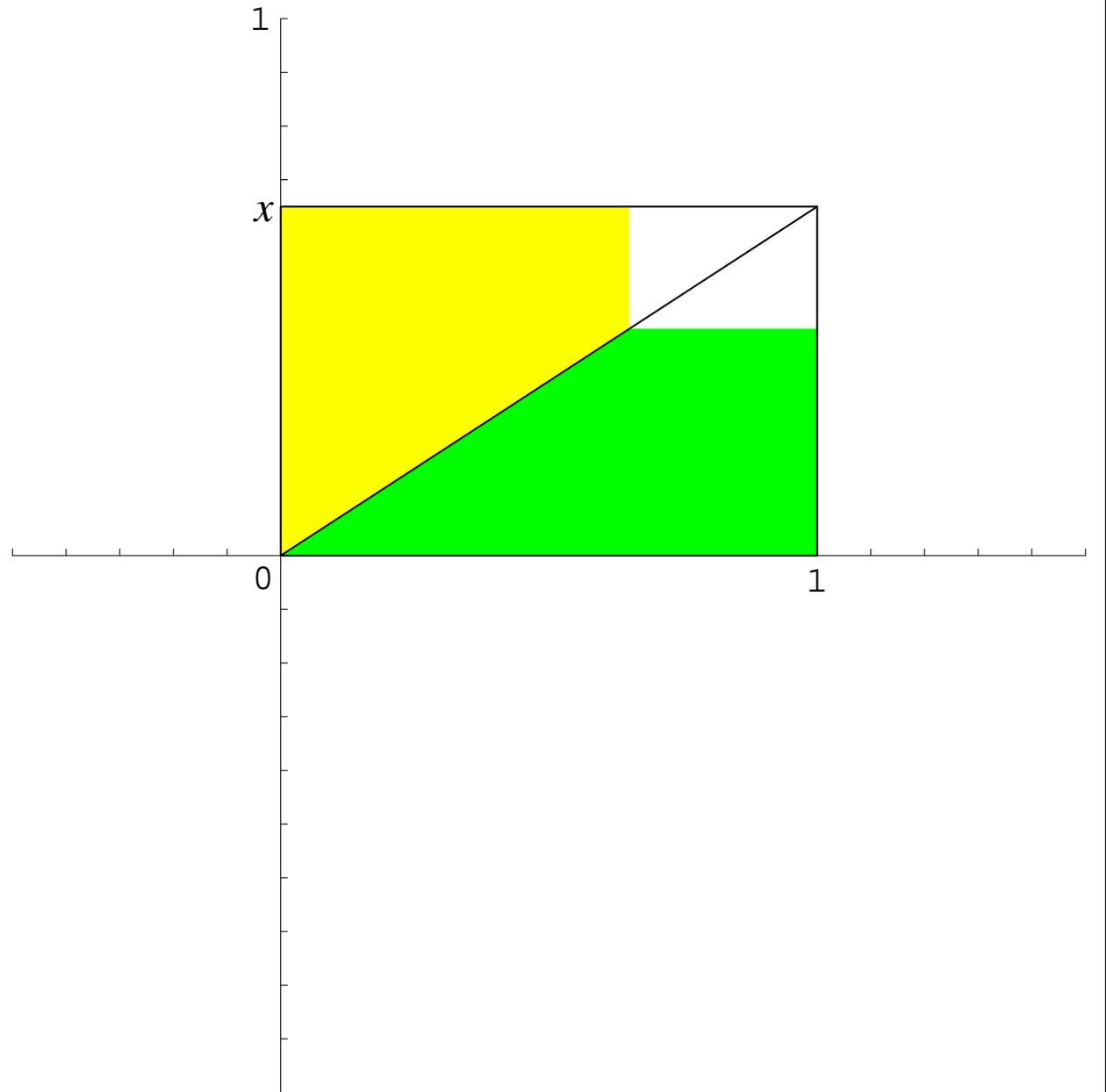The following

two ways of visualizing

$$x^2$$

will be useful
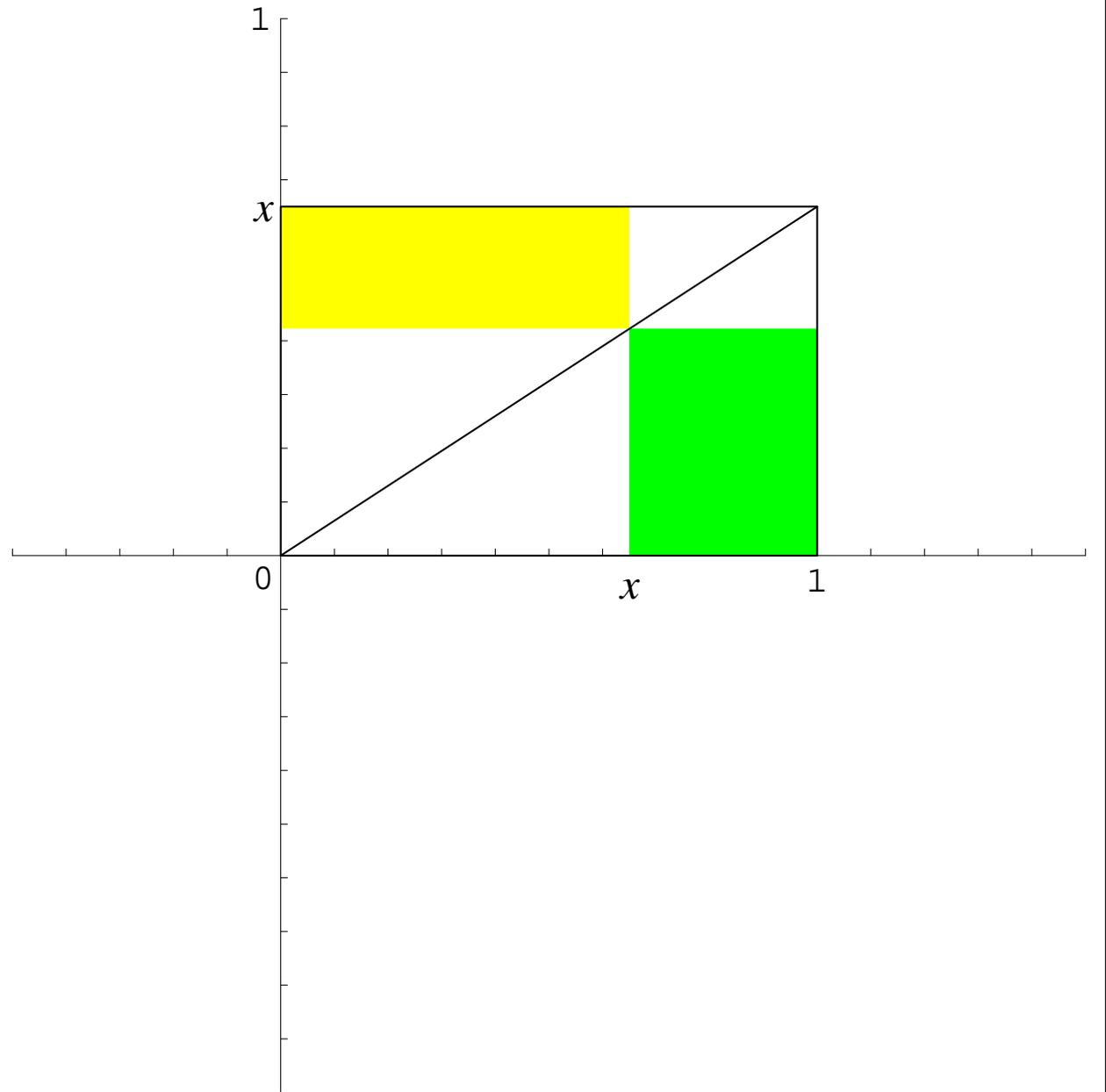
for Integral Calculus

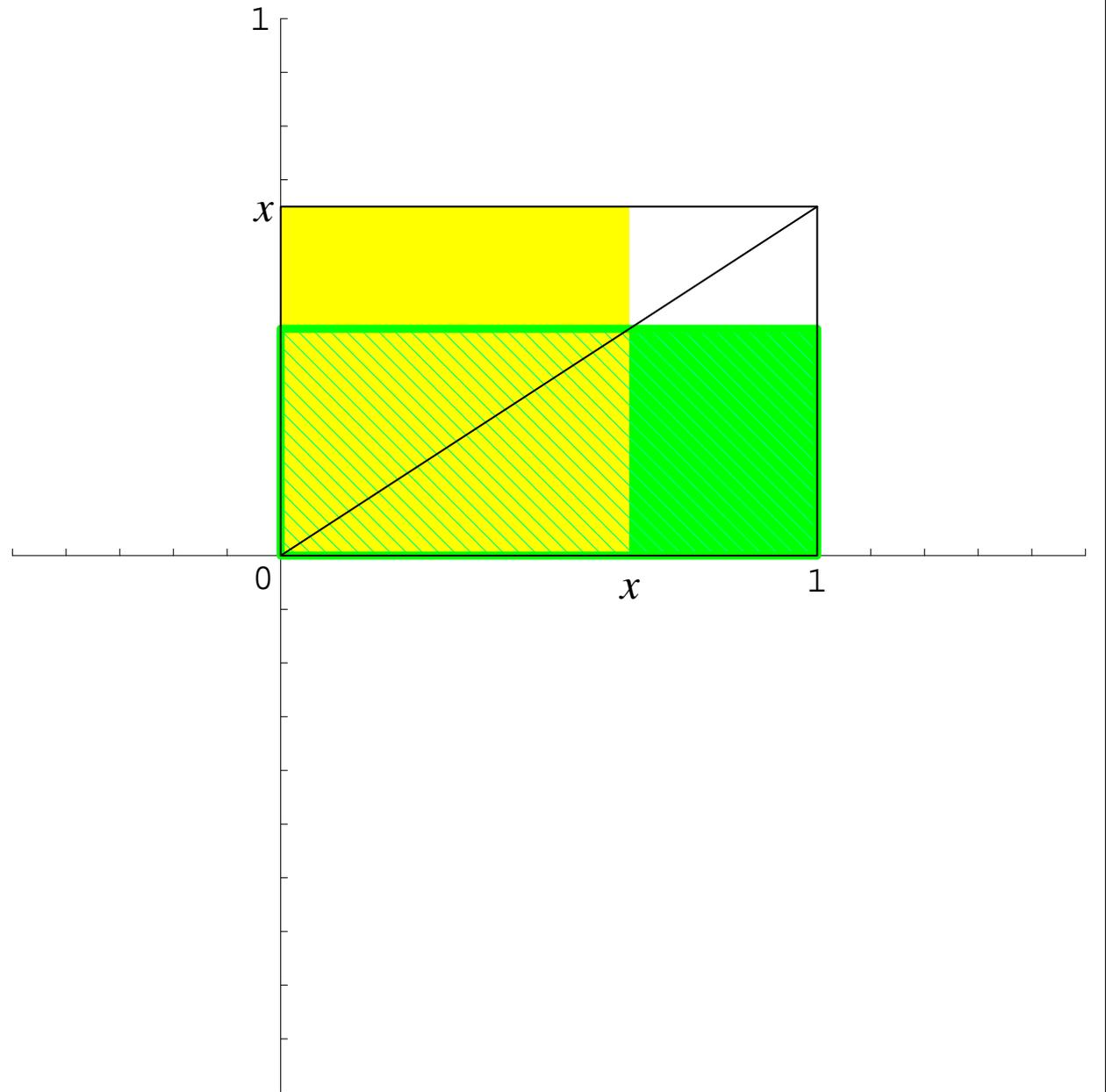Compare

the yellow area
and
the green area.

Compare

the yellow area
and
the green area.

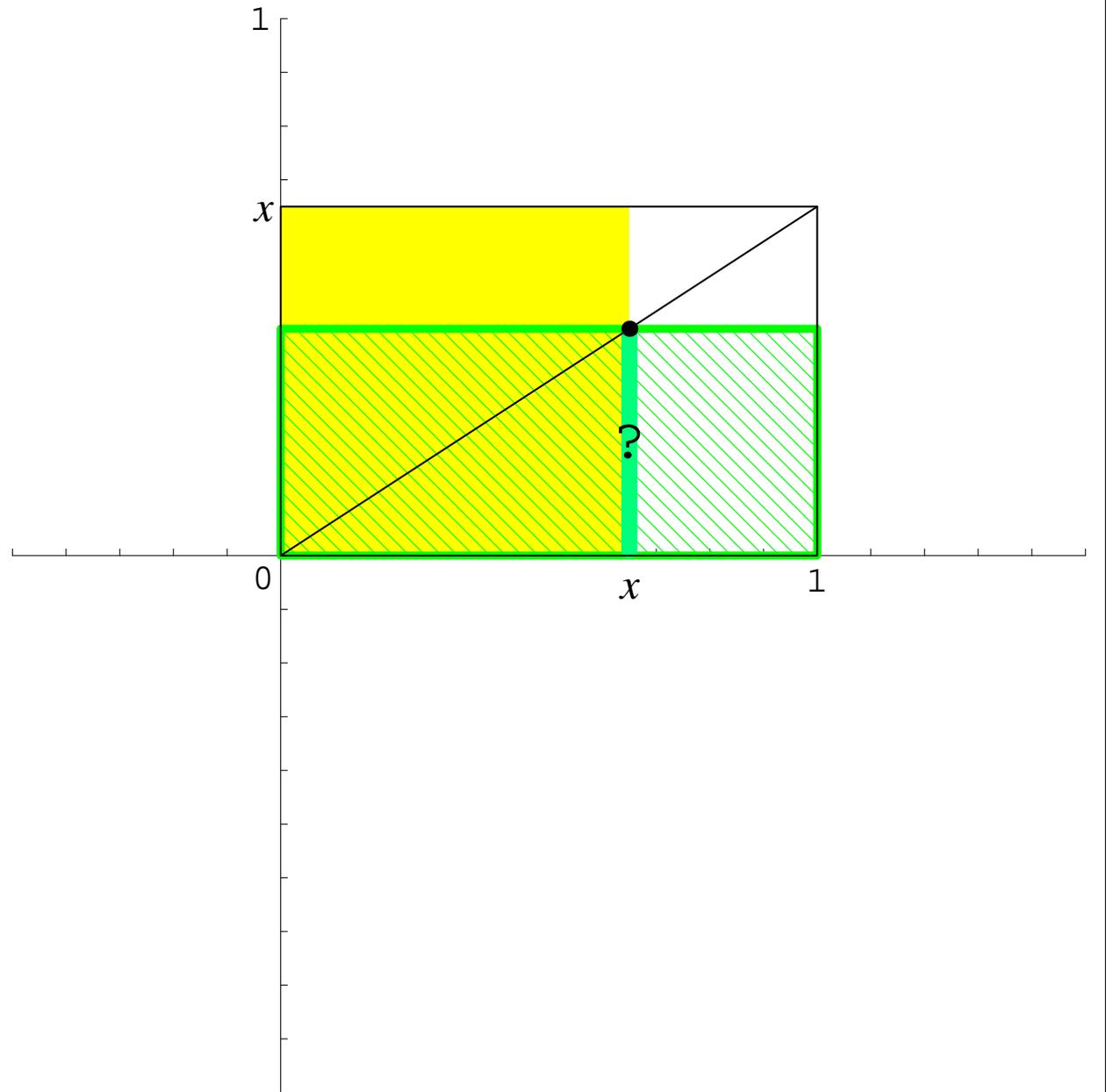Compare

the yellow area
and
the green area.

Compare

the yellow area
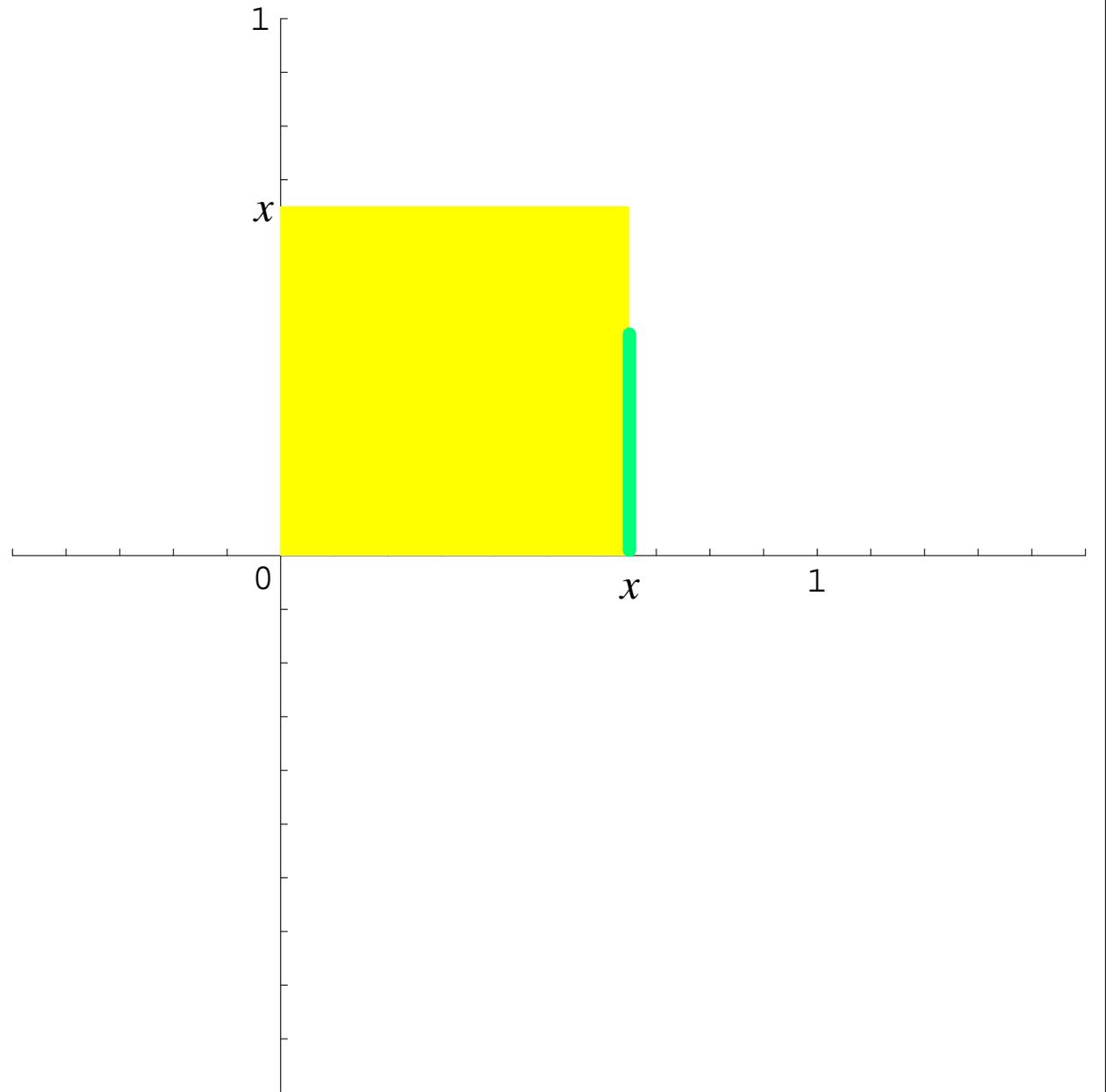and
the green area.

How long is

the green

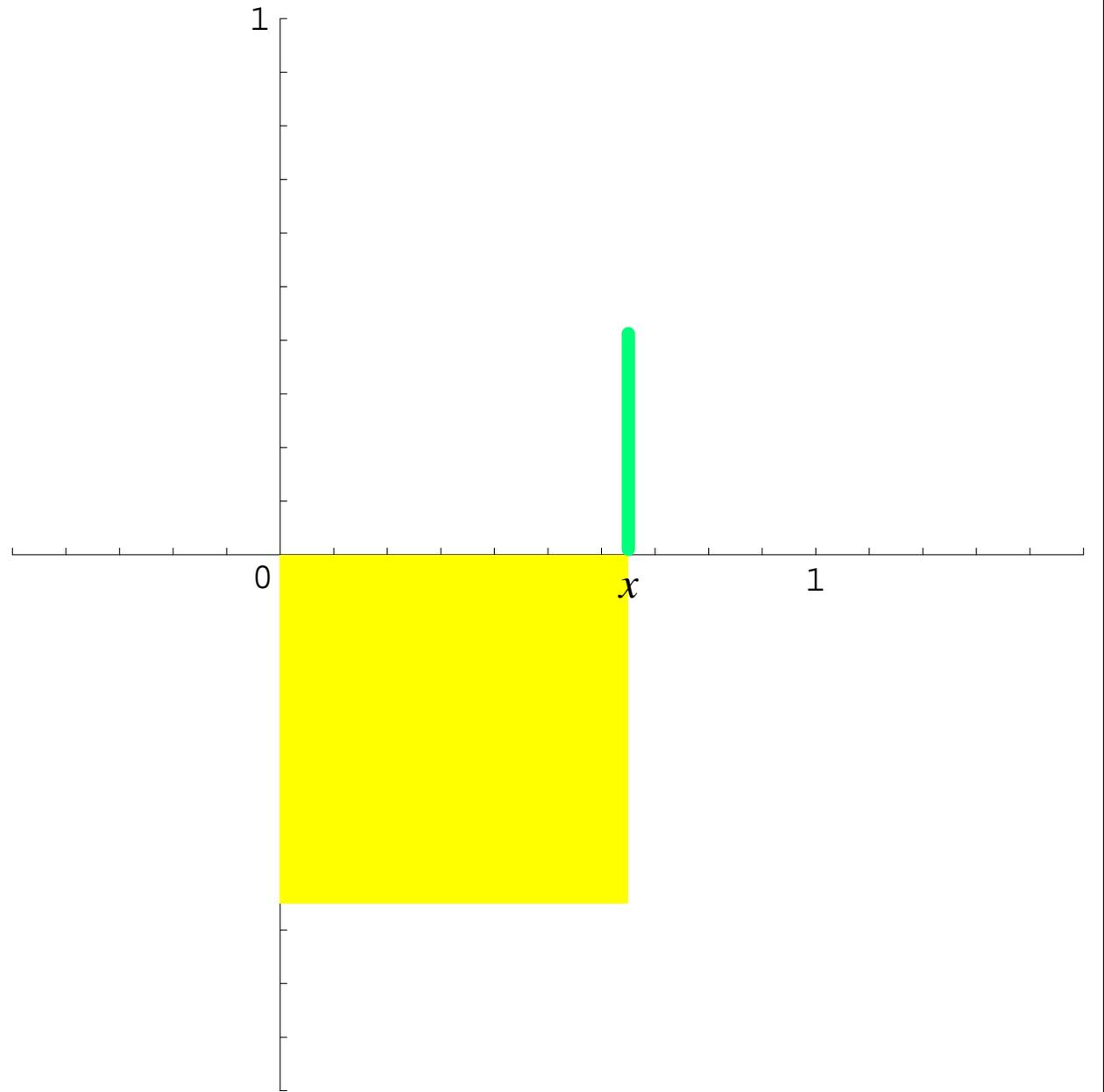line-segment ?

Two ways of
visualizing x^2:

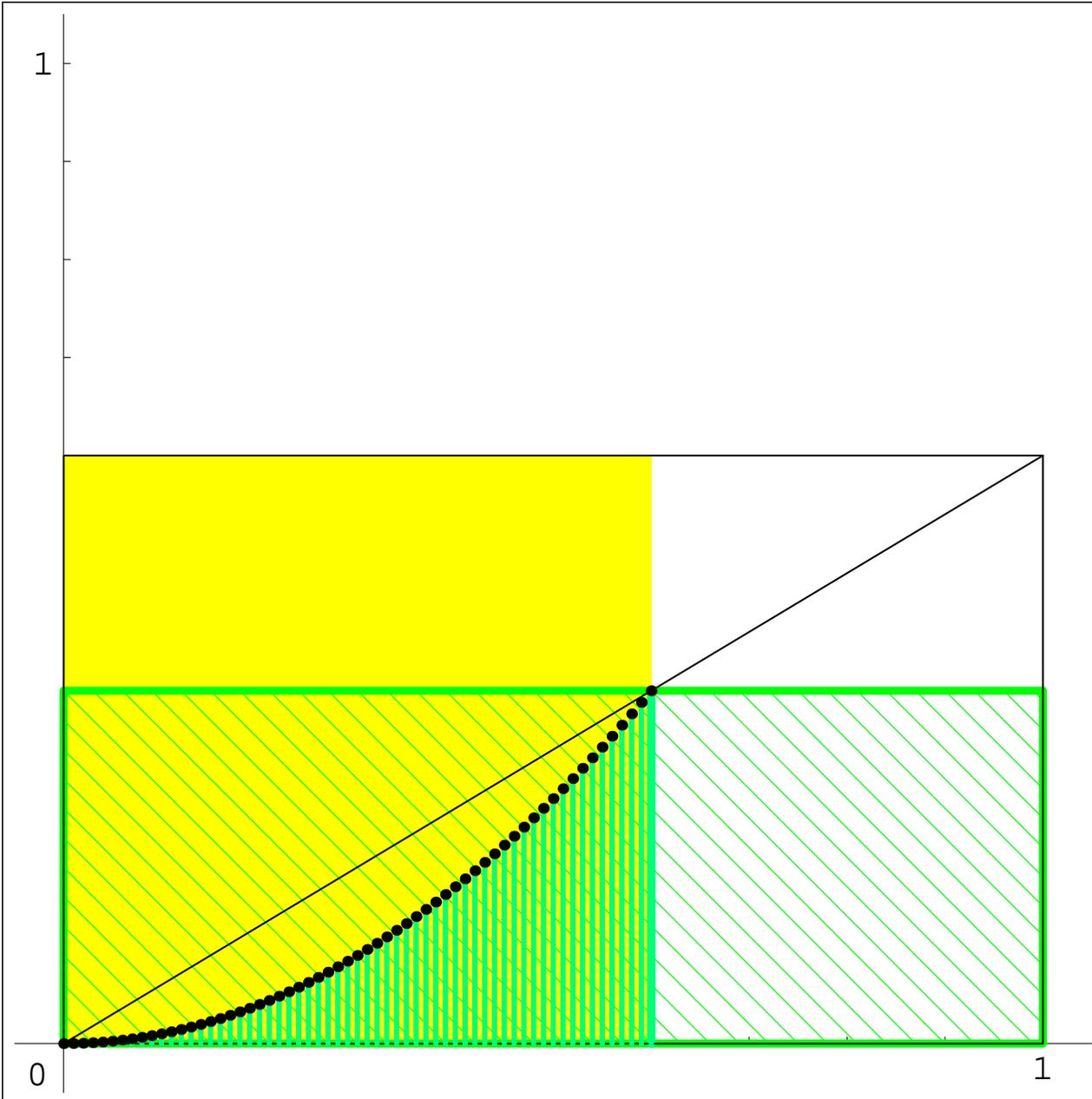the yellow area
and
        the green
        line-segment.

A similar picture will appear again, soon!

$$y = x^2$$

$$0 \le x \le 1$$

$y = x^2$

$0 \leq x \leq 1$

Now we are ready for

Integral Calculus