

$$\int_{-1}^2 |x - 2 - (x^2 - 4)| \, dx$$

$$\frac{9}{2}$$

(1)

$$\int_{-1}^2 |x - 2 - (x^2 - 4)| \, dx$$

$$\frac{9}{2}$$

(2)

$$f := x \mapsto x - 2$$

$$f := x \mapsto x - 2$$

(3)

$$g := x \mapsto x^2 - 4$$

$$g := x \mapsto x^2 - 4$$

(4)

with(plots) :
plot([f(x), g(x), -f(x), -g(x)], x=-3 ..3)

