

1 | **additive**

2 | **change of lower bound**

$$\int_a^b f(x)dx + \int_b^c f(x)dx = \int_a^c f(x)dx$$
$$\Rightarrow \int_a^x f(t)dt = \int_b^x f(t)dt - \int_a^b f(t)dt$$