

$$\int_{0;5}(f(x))dx=15$$

$$\int_{-5;5}(f(x))dx=30$$

$$\begin{aligned}\int_{-5;5}(f(x)+3x)dx &= \\ &= \int_{-5;5}(f(x))dx + \int_{-5;5}(3x)dx \\ &= 30 + 3/2 * x^2 |_{-5;5} = \\ &= 30 + 3/2 * 25 - 3/2 * 25 = 30\end{aligned}$$

