

**Task.** Antiderivative of  $\frac{3}{2x} + 1$

**Solution.** Antiderivative of  $\frac{3}{2x} + 1$  is

$$\int \left( \frac{3}{2x} + 1 \right) dx = \frac{3}{2} \int \frac{dx}{x} + \int dx = \frac{3}{2} \ln |x| + x + C.$$