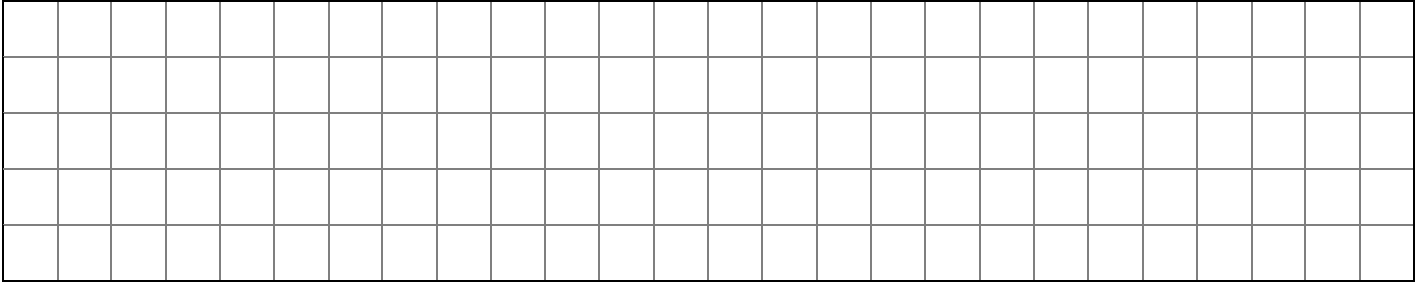
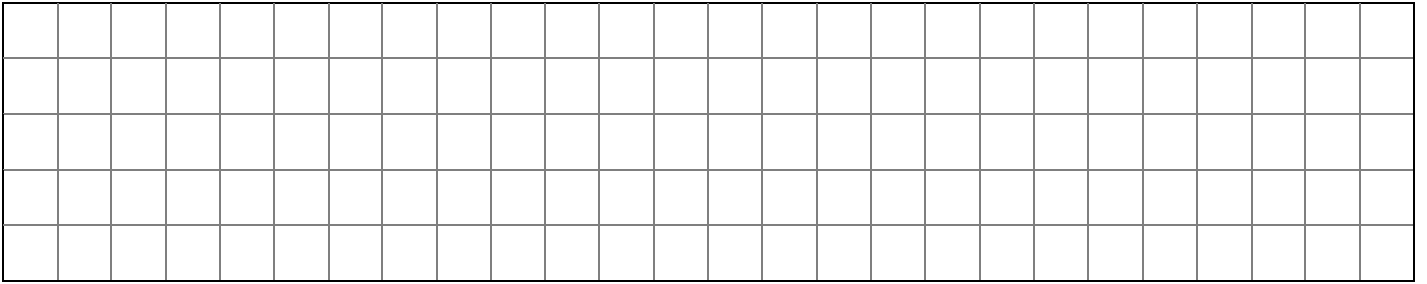


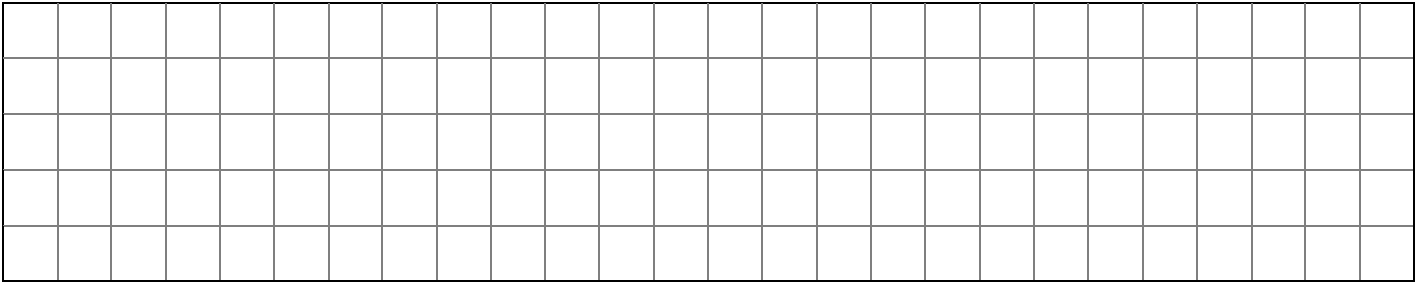
$$\int_1^{16} \frac{\sqrt{x} - 4}{\sqrt{x}} dx$$



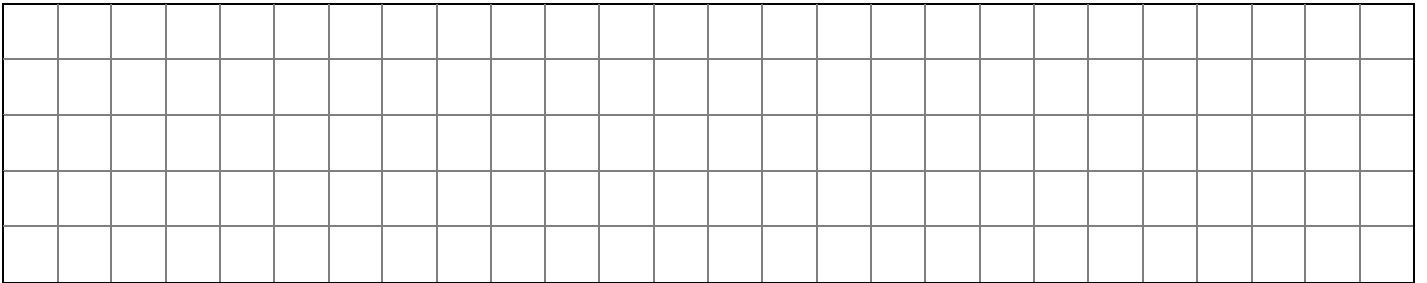
$$\int_1^2 \left(x - \frac{1}{x}\right)^2 dx$$



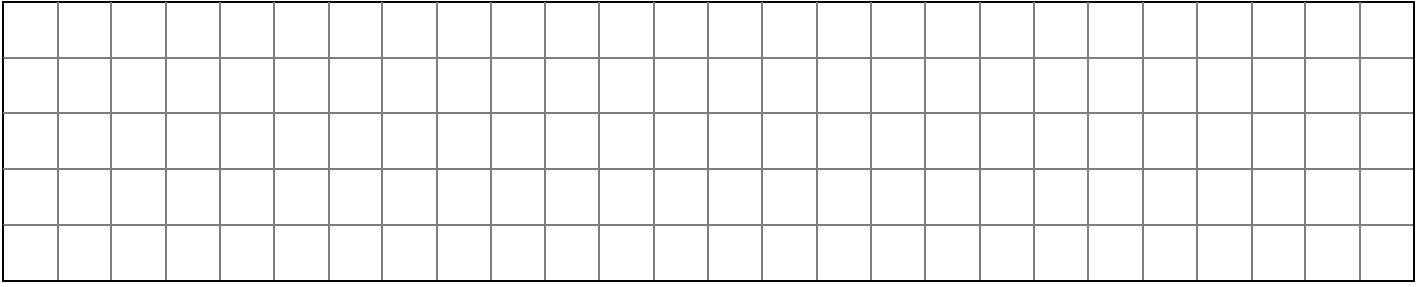
$$\int_0^9 \frac{k}{\sqrt{x}} dx = 30$$



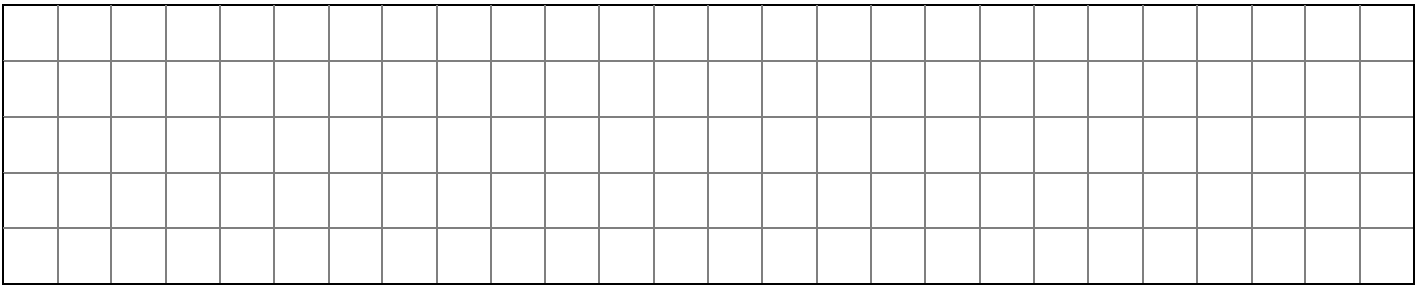
$$\int \cos 2x dx$$



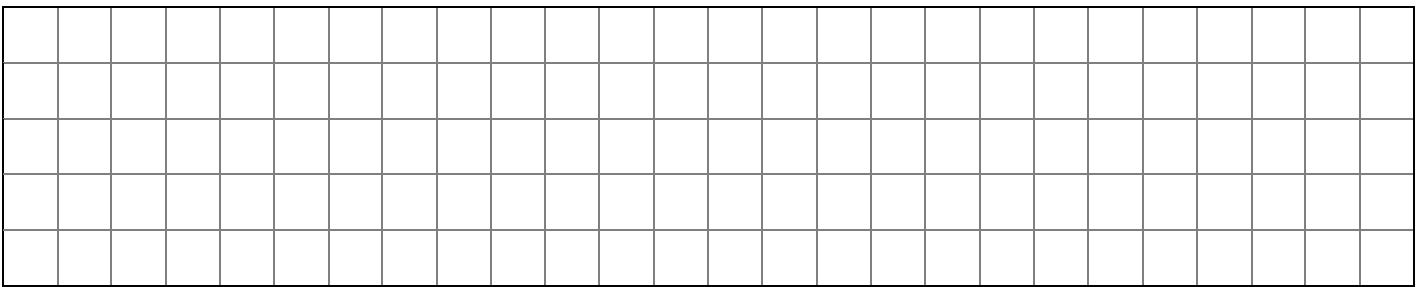
$$\int (\cos 4\theta - \sin 2\theta) d\theta$$



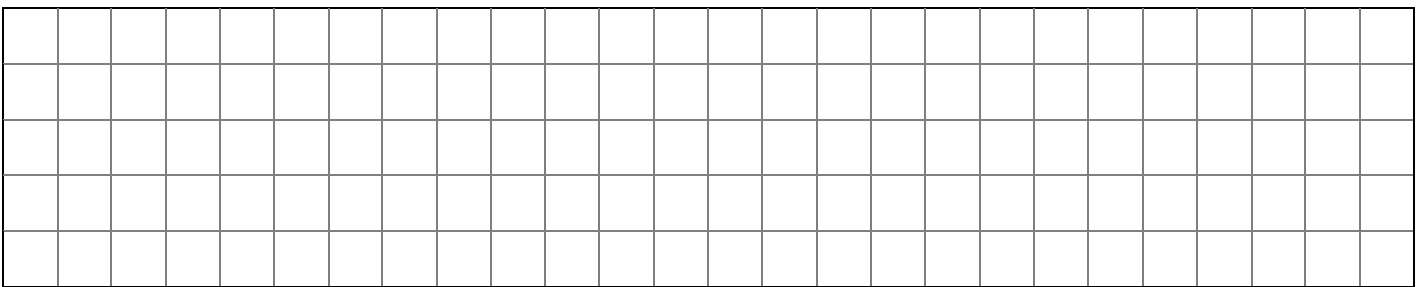
$$\int 8(\cos 2\theta - \sin 8\theta) d\theta$$



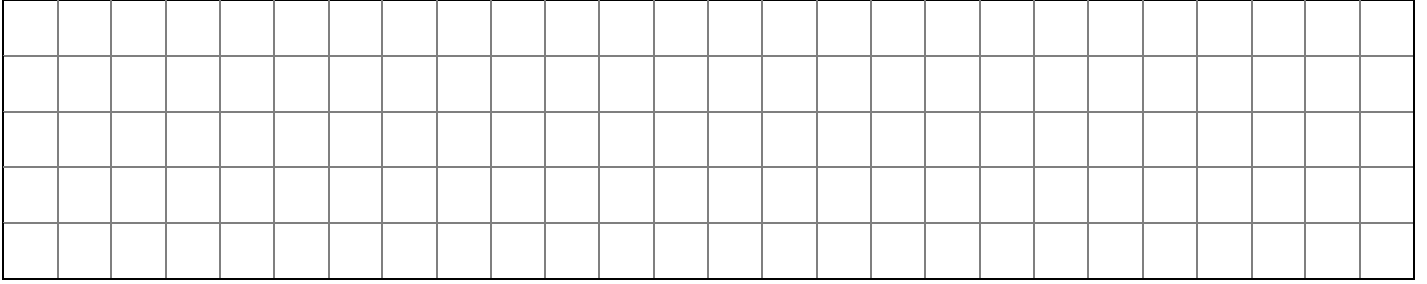
$$\int (\sin 5\theta + \cos 7\theta) d\theta$$



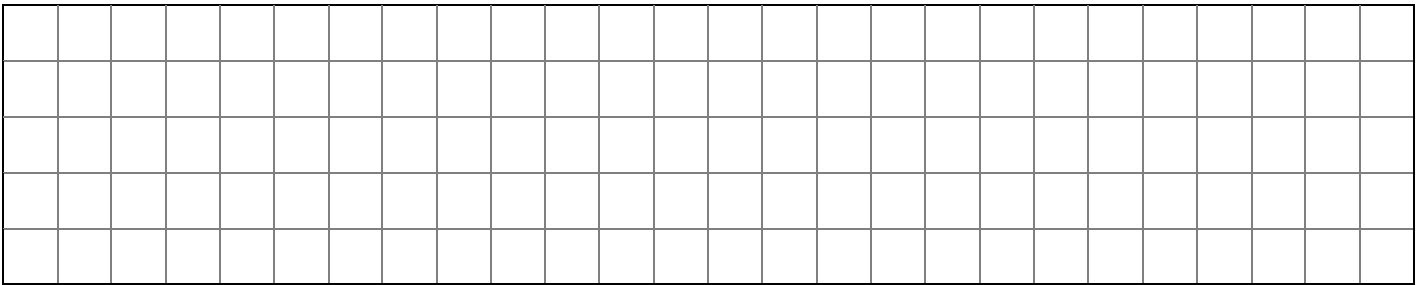
$$\int \sin 3x \sin 5x dx$$



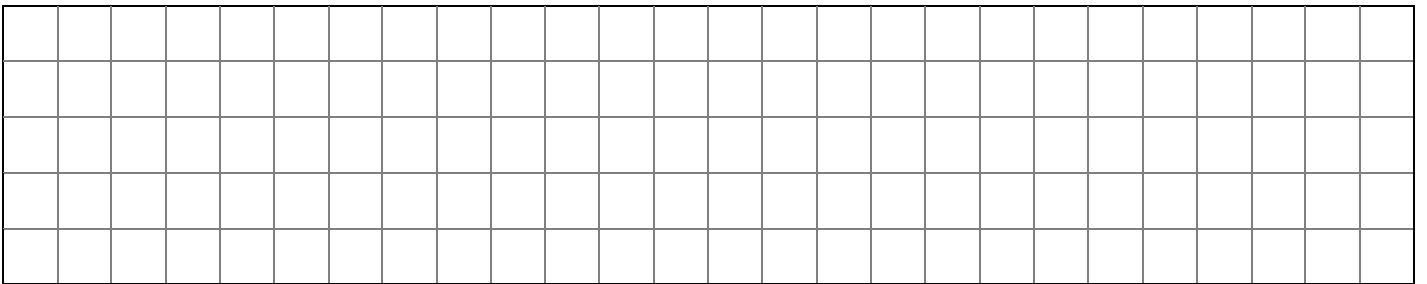
$$\int_0^{\frac{\pi}{2}} \cos 2x \, dx$$



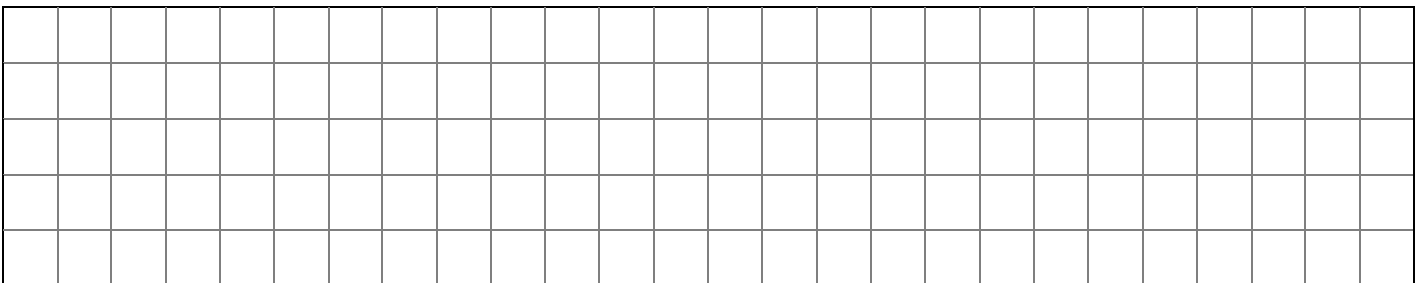
$$\int_0^{\frac{\pi}{2}} \cos 3x \cos 2x \, dx$$



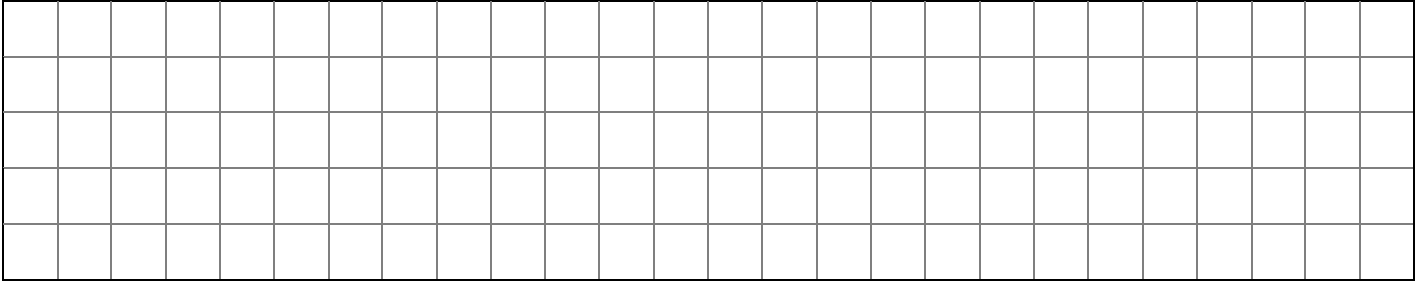
$$\int e^{2x+3} \, dx$$



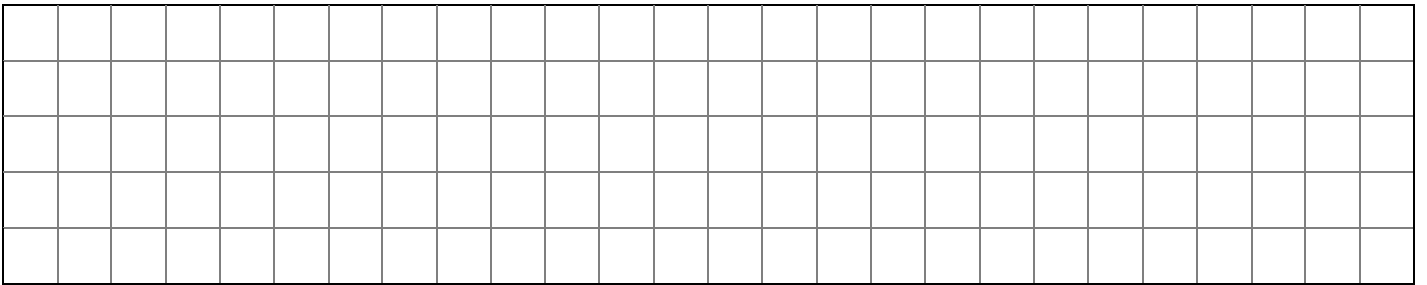
$$\int e^{-4x} \, dx$$



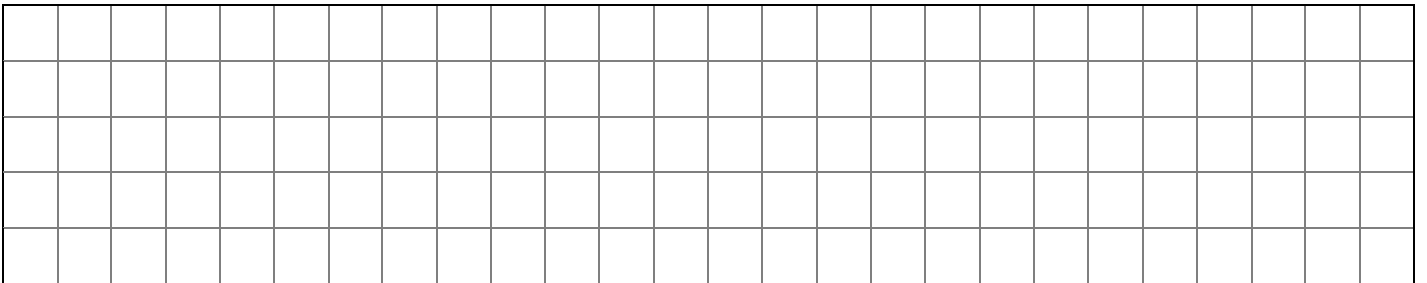
$$\int \left(e^{3x} - \frac{1}{e^{3x}} \right) dx$$



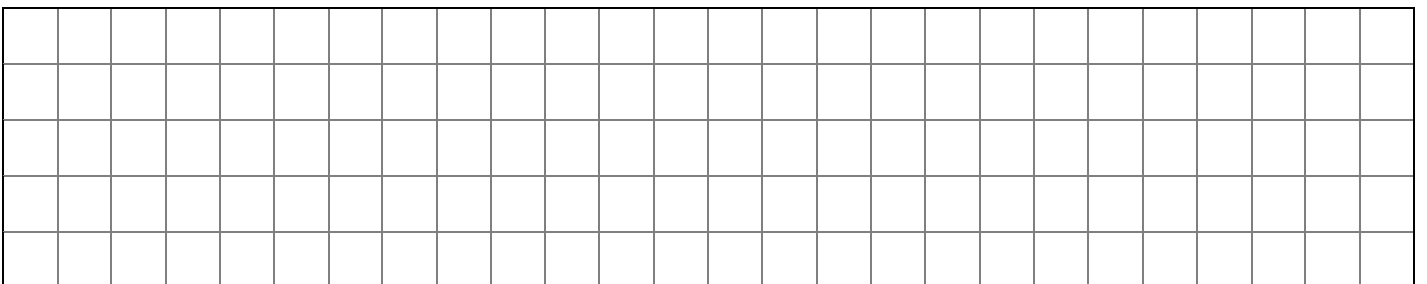
$$\int_{-1}^1 e^{3x-1} dx$$



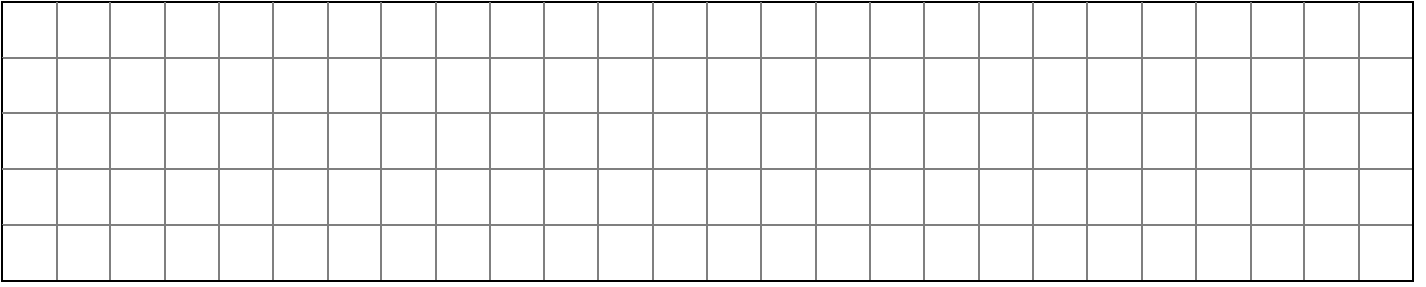
$$\int_0^2 e^{4x-1} dx$$



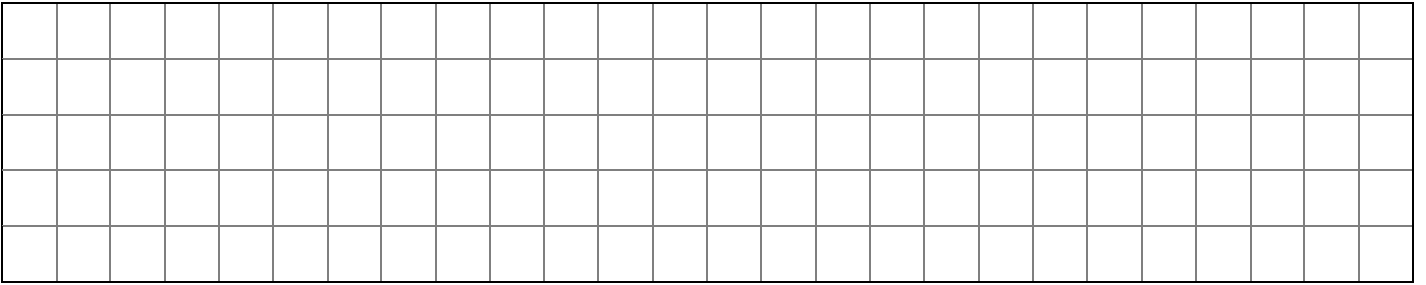
$$\int 7^{x+3} dx$$



$$\int 6^x dx$$



$$\int_0^2 5^x dx$$



$$\int_0^2 2^{x-3} dx$$

