

$$\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$$

$$a^2+b^2+2ab$$

$$f(x)=x^2$$

$$g(x)=\frac{1}{x}$$

$$i(x)=\int_b^a\frac{1}{3}x^3$$

$$\text{Some mathematical symbols: } \alpha, \beta, \sum_{i=1}^n x_i, \int_a^b f(x) \, dx, \lim_{x \rightarrow \infty} f(x).$$