

1. ...

$\sin x$   
 $\sin(x+y)$

$\mathbb{N}$  (1)

$\mathbb{R}$  (2)

$\mathbb{C}$  (3)

$\mathbb{Z}$  (4)

(5)

$\Upsilon$  (6)

$MMDCCLXXV$  (7)

121 (8)

$$\begin{cases} 1+1=\textcolor{red}{3}\rightarrow\textcolor{green}{2} \\ 1+1=\textcolor{red}{2}\rightarrow\textcolor{green}{3} \\ \textcolor{blue}{\lessgtr} \end{cases}$$
 (9)

Зелёный текст!  
Неправильно→Правильно  
 $\textcolor{green}{fsdgfgllkdfgllkhhkuhkhjkh}$

$\textcolor{green}{vector}=\textcolor{green}{vec}1+\textcolor{green}{addition\_vector}$  (10)

Hello! Привет!!  $\geqslant 1$

$\textcolor{blue}{bold}_{\textcolor{blue}{a}}=\sqrt{\frac{10}{\textcolor{blue}{34}\textcolor{blue}{3}\textcolor{blue}{45}}}+\sqrt{\frac{10}{\textcolor{blue}{34}\textcolor{blue}{3}\textcolor{blue}{45}}}$  (11)

$$\textit{Badthing} \tag{12}$$

$$\textit{Badthing} \tag{13}$$

$$\textit{Badthing} \tag{14}$$

$$\frac{e^{\gamma}}{n} \nearrow^{\infty} \tag{15}$$

$$\Re z \tag{16}$$

$$\Im z \tag{17}$$

$$\begin{bmatrix} a_{11} & a_{1n} \\ a_{21} & \\ a_{n1} & a_{nn} \end{bmatrix} \tag{18}$$

$$\begin{bmatrix} a_{11} & \cdots & a_{1n} \\ \vdots & \ddots & \vdots \\ a_{n1} & \cdots & a_{nn} \end{bmatrix} \tag{19}$$

***Hello!***