1. ...

 $\begin{aligned} &\sin x\\ &\sin(x+y)\\ &\sup x\\ &\sup (x+y) \end{aligned}$

$$\mathbb{N}$$
 (1)

$$\mathbb{R}$$
 (2)

$$\mathbb{C}$$
 (3)

$$\mathbb{Z}$$
 (4)

$$\Upsilon$$
 (6)

$$MMDCCCLXXV$$
 (7)

$$\begin{cases} 1+1 = 3 \to 2 \\ 1+1 = 2 \to 3 \end{cases}$$
 (9)

Зелёный текст!

Неправильно→Правильно

fsdgfglkdfglkkhkuhkjkh

$$\overrightarrow{vector} = \overrightarrow{vec}1 + additio\overrightarrow{n}_vector$$
 (10)

Hello! Привет!! ≥ 1

$$\mathbf{bold_a} = \sqrt{\frac{10}{34\vec{3}45}} + \sqrt{\frac{10}{34\vec{3}45}} \tag{11}$$

Badthing(12)Badthing(13)Badthing(14)
$$\infty$$
(15) $\frac{e^{\eta}}{/n}$ (16) $\Im z$ (17)supp s (18)

$$\begin{bmatrix} a_{11} & a_{1n} \\ a_{21} & \\ a_{n1} & a_{nn} \end{bmatrix}$$
 (19)

$$\begin{bmatrix} a_{11} & \cdots & a_{1n} \\ \vdots & \ddots & \vdots \\ a_{n1} & \cdots & a_{nn} \end{bmatrix}$$
 (20)

Hello!