R Notebook

```
v1 <- c(1, 2, 3)
v2 <- c(2, 3, 4)
(v1 > 0) || (v2 > 3)
```

```
## [1] TRUE
```

1. $x+1$
2. $2y-1$
3. $1+1$
4. x^2
5. xxx
6. $2xy$

$$
\begin{array}{r}
3481 \\
3\overline{)4444} \\
\underline{3} \\
14 \\
\underline{12} \\
24 \\
\underline{24} \\
4 \\
\underline{3} \\
1
\end{array}
$$

$$! \quad \int_b^a f'(x)dx = \underbrace{\overbrace{f(b)-f(a)}}_{bvnbvnbvbnvnbvbnvbnvnvn} \qquad \underbrace{\frac{1}{4}W_{\mu\nu}\cdot W^{\mu\nu}-\frac{1}{4}B_{\mu\nu}B^{\mu\nu}-\frac{1}{4}G^a_{\mu\nu}G_a^{\mu\nu}}_{\text{kinetic energies and self-interactions of the gauge bosons}}$$

$$\|x+y\| \geq \overbrace{\big|\|x\|-\|y\|\big|}^{\text{ordinate}} \qquad \begin{array}{c}\nabla\cdot\mathbf{D}=\rho \text{ and } \nabla\cdot\mathbf{B}=0 \\ \nabla\times\mathbf{E}=-\frac{\partial\mathbf{B}}{\partial t} \text{ and } \nabla\times\mathbf{H}=\mathbf{J}+\frac{\partial\mathbf{D}}{\partial t}\end{array}$$

$$y=\frac{\sum\limits_i w_i y_i}{\sum\limits_i w_i} \quad ,i=1,2...k \qquad e=\lim_{n\to\infty}\left(1+\frac{1}{n}\right)^n$$

$$\dot{x}_i = a_i x_{i'} - (d + a_{i0} + a_{i1})x_i + r x_i (f_i - \phi)$$