

# 1 The simple stuff

Some regular text and some *italic text*.  
Also some crazy characters: \$&#{ }

## 1.1 Math that is incorrect

$$2 * 3 = 9$$

## 1.2 Table of something

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 4 | 5 | 6 | 7 |

# 2 The fancy stuff

## 2.1 Correct matrix equations

$$\begin{pmatrix} 2 & 3 & 4 \\ 0 & 0 & 1 \\ 0 & 0 & 2 \end{pmatrix} \begin{pmatrix} 100 \\ 10 \\ 20 \end{pmatrix} = \begin{pmatrix} 310 \\ 20 \\ 40 \end{pmatrix}$$

## 2.2 Alignat math environment

$$\frac{a}{b} = 0$$
$$\begin{pmatrix} 2 & 3 & 4 \\ 0 & 0 & 1 \\ 0 & 0 & 2 \end{pmatrix} \begin{pmatrix} 100 \\ 10 \\ 20 \end{pmatrix} = \begin{pmatrix} 310 \\ 20 \\ 40 \end{pmatrix}$$

## 2.3 Beautiful graphs

