

Sample Document

Team 1234

February 5, 2009

Contents

1	Start	1
2	End	1
3	Test	1
4	New	2
5	Environment	2
6	Math Formula	3

List of Figures

1	Fig. 1	3
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1 Start

Well, and here begins my lovely article.

2 End

... and here it ends.

3 Test

...when Einstein introduced his formula

$$e = m \cdot c^2 , \tag{1}$$

which is at the same time the most widely known and the least well understood physical formula.

...from which follows Kirchoff's current law:

$$\sum_{k=1}^n I_k = 0 . \tag{2}$$

Kirchoff's voltage law can be derived ...
...which has several advantages.

$$I_D = I_F - I_R \quad (3)$$

is the core of a very different transistor model. ...

My phone number will be changed soon. It will be 0116 291 2319.

The parameter `filename` should contain the name of the file.

February 5, 2009 \LaTeX \LaTeX 2e

“Please press the ‘x’ key.”

daughter-in-law, X-rated

pages 13–67

yes—or no?

0, 1, and -1

<http://www.ziqiang.net/~liuw>

<http://www.ziqiang.net/~liuw>

The temperature of today is -10°C

Mr. Smith was happy to see his

cf. Fig. 5

I like BASIC. What about you?

4 New

A reference to section Test looks like this: “See section 3 on page 1.” A reference to this section looks like: “this section 4 on page 2.”

Footnote¹ are often used.

You can emphasize text if it is set in italics, in a sans-serif font, or in typewriter style.

5 Environment

1. You can mix the list environments to your taste:

- But it might to start to look silly.
- With a dash.

2. Therefore remember:

Stupid things will not become smart because they are in a list.

Smart things, though, can be presented beautifully in a list. This is a very very very long line!

This text is

left-aligned. \LaTeX is not trying to make each line the same length.

This text is

right-aligned. \LaTeX is not trying to make each line the same length.

¹This is a footnote.

At the center
of the world.

A typographical rule of thumb for the line length is:

On average, no line should be longer than 66 characters.

“if don’t want this col, leave it empty”	hexademical	123
3700	octal	
11111000000	binary	
1984	decimal	

Ene
A B

Figure 1 is an example of Pop-Art.

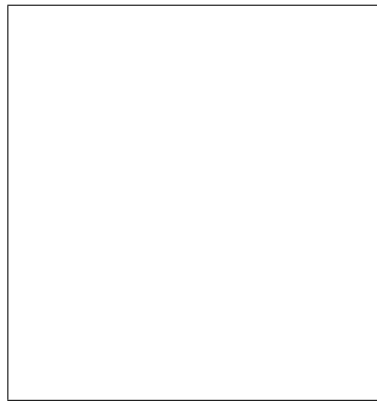


Figure 1: Five by Five in centimeters.

6 Math Formula

Add a squared and b squared to get c squared. Or, using a more mathematical approach: $a^2 + b^2 = c^2$

T_EX is pronounced as $\tau\epsilon\chi$.

100 m³ of water

This comes from my ♥

Add a squared and b squared to get c squared. Or, using a more mathematical approach:

$$c^2 = a^2 + b^2$$

Just another line.

$$\epsilon > 0 \tag{4}$$

From (4), we gathered ...

Formula in a line: $\lim_{n \rightarrow \infty} \sum_{k=1}^n \frac{1}{k^2} = \frac{\pi^2}{6}$

Formula in displaymath:

$$\lim_{n \rightarrow \infty} \sum_{k=1}^n \frac{1}{k^2} = \frac{\pi^2}{6}$$

$$\mathbf{X} = \begin{pmatrix} x_{11} & x_{12} & \dots \\ x_{21} & x_{22} & \dots \\ \vdots & \vdots & \ddots \end{pmatrix}$$

$$y = \begin{cases} a & \text{if } d > c \\ b + x & \text{in the morning} \\ l & \text{all day long} \end{cases}$$

Law 1 *Don't hide in the witness box.*

July 2 (The Twelve) *It could be you! So beware and see law 1*

Law 3 *No!*



Partl [1] has proposed that ...

Table 1: Aligned numbers

results	results	results
34.1234	0.03000	3.14159
2.030	12.30	456.320
34123.00	1.0	22385.8
123.65	0.732	20.85

References

- [1] H. Partl: *German T_EX*, Volume 1, Issue 1 (1998)