# Sample use of automatic numbering

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## List of theorems

1.1 2.1 2.2	Theorem	$\frac{1}{2}$
$\mathbf{List}$	of examples	
1.1	Example	2
1.2	Example	2
2.1	Example	2
2.2	Example	2
List	of exercises	
1		1
2		2
3		2

# This is the first section

#### Exercise 1

This is the first exercise. Have also a look at the Theorem 1.1, the exercise 2 and the exercise 3.

Theorem 1.1: Needed for the second exercise

This is a the first theorem. Look at the exercise.

Exercise 2 (This is the second exercise)

Use theorem 1.1 page %p

Example 1 This is the first example of the first section

Example 2 This is the second example of the first section

## This is the second section

Example 1 This is the first example of the second section

Theorem~2.1

Another theorem. Can be useful in exercise 1

Theorem 2.2

A last theorem.

Example 2 This is the second example of the second section

Exercise 3

This is the third exercise.

Unnumbered #