# Test 004: New theorems, numbering and styles

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# 1 Testing some theorem stuff

#### **Definition 1.1.**

Here is a definition

#### Example 1.1.

Here is an example.

Here is some more boring text in between.

### Theorem 1.1 (Foo).

Bookdown is needed for things like theorems and internal references

**Proposition 1.2** (Thingy we need for 1.1).

Proof (Of theorem 1.1).
Here is a proof
'
Proof of theorem 1.1.
Here is a proof
Proposition 1.3.
Bookdown is needed for things like theorems and internal references
<b>Thought 1.1</b> (Bar of 1.1).
You can create new theorem types
Defns.
You can create new unumbered theorem types
Nugget 1.2.
You can create new theorem types
Evennle
An example
An example
Solution 1.1.
You can create new theorem types
Exercises.
Here is a question
Solution.
Test

You can create new theorem types

# 2 Testing the reference link back

Now go to theorem 1.1 or thought 1	.1
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#### Solution.

Test

#### **Definition 1.1.**

Here is a definition

# **Thought 1.1** (Bar of 1.1).

You can create new theorem types

Now an actual new thing:

### Thought 2.1.

Stuff and nonsense