# Test 003: New theorems, numbering and styles

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## August 2020

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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).

You can	create new theorem types		
Proof.	[Of theorem 1.1] Here is a proof		
Proof o	f theorem 1.1.		
Here is a proof			
Propos	ition 1.3.		
Bookdo	wn is needed for things like theorems and	d internal references	
Though	nt 1.1 (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		
Exampl	e.		
An exan	nple		
Solutio	n 1.1.		
You can	create new theorem types		
Exercis			
Here is	a question		
Solutio	n.		
Test			

# 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