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1. *Using the template*

1.1 Compiling

xelatex will
probably work too!

Important Note

You'll need to use lualatex when you're compiling unless you take out the font changes under *include/structure.tex*

1.2 Boxes

The template has 6 different boxes you can use:

- Definition
- Example*
- Note
- Important note
- Further exercises
- Learning outcome
- Theorem
- Law
- Result**

*Can be made with
and without
solution space
underneath

**Can be made
with and without
proof space
underneath

The definition and example boxes are numbered and can have titled added.

1.2.1 Definition box

Definition 1 Title

Definition here

Definition 2

Definition here

1.2.2 Example and solution boxes

Example 1 Title

Example here

Solution**Example 2**

Example here

Solution**Example 3 Title**

Example here

Solution

The example box can also be made separately by using ‘examplebox’. The examplebox can also be made with and without a title.

Example 4

Title Example here

Example 5

Example here

1.2.3 Note boxes

Note *Note here*

1.2.4 Important note boxes

Important Note

Important note here

1.2.5 Further exercises

Further Exercises
Further exercises here

1.2.6 Learning outcome

Learning Outcome
Learning outcome here

1.2.7 Theorem

Pythagoras' Theorem

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

1.2.8 Law

Distributive Law

$$a(b + c) = ab + ac$$

1.2.9 Result

Result

$$(a + b)(a - b) = a^2 - b^2$$

Proof

Result

Resultbox with no proof

1.3 Writing grid

Note The solutionbox and proofbox is transparent so the gridlines will be visible through the box.

Example 6

Example

Solution

1.4 Cloze

You can add spaces for students to fill in words and choose to show/hide these words (for printing a teacher copy perhaps?). It will also look at what the cut out words are and make sure that an appropriate amount of space is left.

For examplehere.....

Shoutout to Hubert because this code was yinked out of his booklets

1.5 Margin notes

You can also add marginnotes.

The notes will alternate sides depending on odd/even pages, the margins will also change by 0.5 cm on the left and right to allow slightly more room for marginnotes. This can be disabled by removing 'twoside' from the documentclass.

Like this.