

Part I

Lesson 19: Counters

1 First section

1.1 First subsection

Definition 1.1 *Define something*

Definition 1.2 *Define something new*

Example 1.1.1 *An example*

Example 1.1.2 *A second example*

Example 1.1.3 *Third example*

Problem I.1 *My problem*

Solution. *Solution* ■

Theorem 1 *A true theorem*

Proof. *Proof of the theorem* ■

Mytag 2 *This is my tag.*

1.2 Second subsection

Definition 1.3 *Define something*

Definition 1.4 *Define something new*

Example 1.2.1 *An example*

Example 1.2.2 *A second example*

Example 1.2.3 *Third example*

Problem I.2 *My problem*

Solution. *Solution* ■

Theorem 3 *A true theorem*

Proof. *Proof of the theorem* ■

2 Second section

2.1 First subsection B

Definition 2.1 *Define something*

Definition 2.2 *Define something new*

Example 2.1.1 *An example*

Example 2.1.2 *A second example*

Example 2.1.3 *Third example*

Problem I.3 *My problem*

Solution. *Solution* ■

Theorem 4 *A true theorem*

Proof. *Proof of the theorem* ■

2.2 Second subsection B

Definition 2.3 *Define something*

Definition 2.4 *Define something new*

Example 2.2.1 *An example*

Example 2.2.2 *A second example*

Example 2.2.3 *Third example*

Problem I.4 *My problem*

Solution. *Solution* ■

Theorem 5 *A true theorem*

Proof. *Proof of the theorem* ■

Part II

Lesson 19: Second part

3 First section part 2

3.1 A subsection part 2

Definition 3.1 *Define something*

Definition 3.2 *Define something new*

Example 3.1.1 *An example*

Example 3.1.2 *A second example*

Example 3.1.3 *Third example*

Problem II.1 *My problem*

Solution. *Solution* ■

Theorem 6 *A true theorem*

Proof. *Proof of the theorem* ■

3.2 Second subsection part 2

Definition 3.3 *Define something*

Definition 3.4 *Define something new*

Example 3.2.1 *An example*

Example 3.2.2 *A second example*

Example 3.2.3 *Third example*

Problem II.2 *My problem*

Solution. *Solution* ■

Theorem 7 *A true theorem*

Proof. *Proof of the theorem* ■

4 Second section part 2

4.1 A subsection B part 2

Definition 4.1 *Define something*

Definition 4.2 *Define something new*

Example 4.1.1 *An example*

Example 4.1.2 *A second example*

Example 4.1.3 *Third example*

Problem II.3 *My problem*

Solution. *Solution* ■

Theorem 8 *A true theorem*

Proof. *Proof of the theorem* ■

4.2 Second subsection B part 2

Definition 4.3 *Define something*

Definition 4.4 *Define something new*

Example 4.2.1 *An example*

Example 4.2.2 *A second example*

Example 4.2.3 *Third example*

Problem II.4 *My problem*

Solution. *Solution* ■

Theorem 9 *A true theorem*

Proof. *Proof of the theorem* ■

5 Project 19

Instructions: Create a file containing chapters, sections, subsections, and sub-subsections with various types of numbering schemes.. Submit a .tex version of your file to teprice@uakron.edu. The name of your files should be of the form **yourlastname19.tex**.