TMA template file

First-name Surname **OU ID #**

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Contents

Chapter 1

Chapter 1 Drawing Examples

Source code here

Strikethrough text

~~Some overstruck text~~

$$\frac{\cancel{3}.4^{n+1}}{\cancel{3}}$$

1.1 Drawing things

Draw a plain line

See fig:1.1

Figure 1.1: Example line drawing

To draw a rectangle state the size x,y as shown in fig:1.2
To draw a parabola, state the co-ordinates as found in fig:1.3

1.1.1 inequalities

An example of an inequality may be found in fig:1.4

1.1.2 factor trees

An example of simple factor tree can be seen on the pages below in fig:1.5
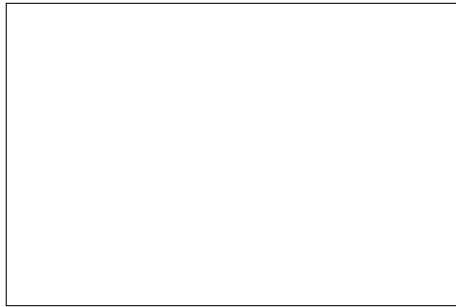An example of an elaborated factor tree can be seen below in fig:1.6
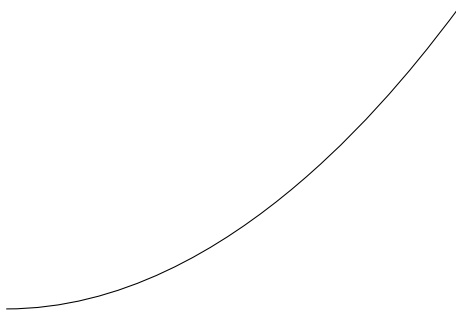
Figure 1.2: Example rectangle drawing
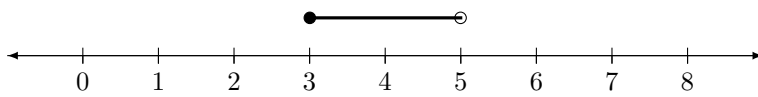
Figure 1.3: Example parabola drawing
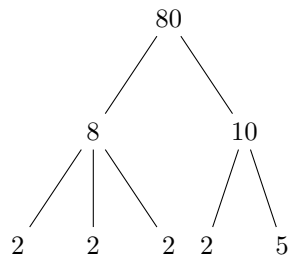
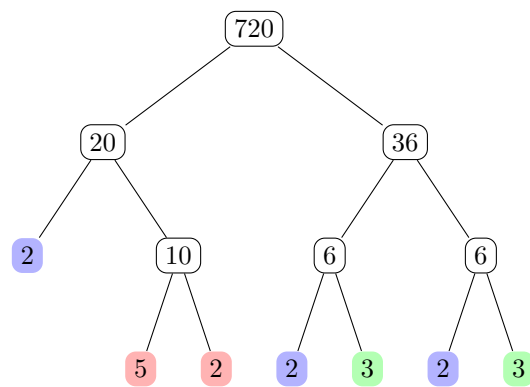Figure 1.4: example inequality

Figure 1.5: Simple tree

Figure 1.6: Elaborated tree

1.1.3   Graphs

an example of a graph may be seen in 1.7
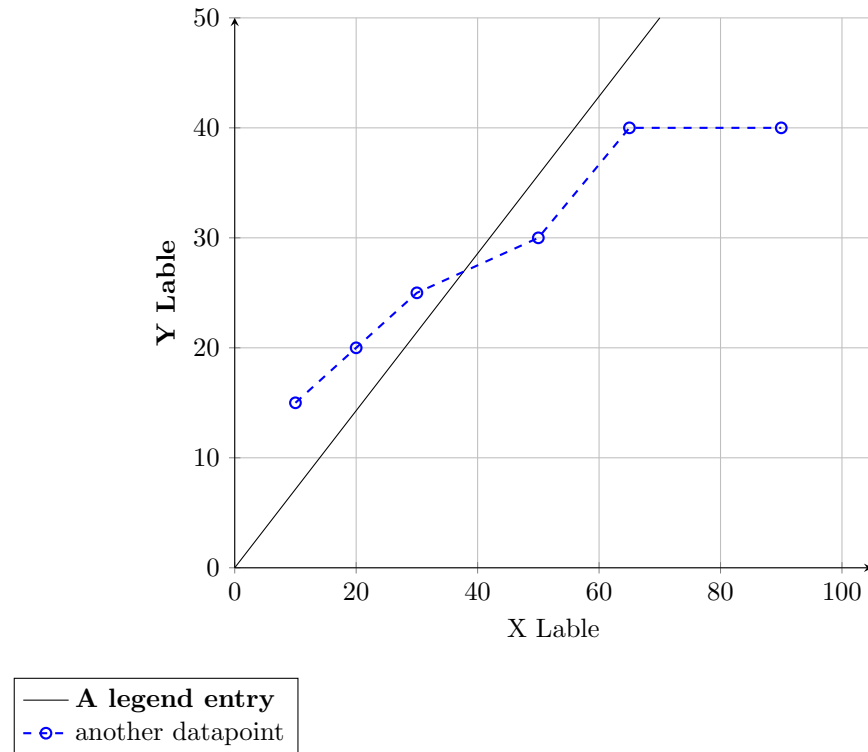
Figure 1.7: example graph

	dataset	
Col 1a	Col 2a	Col 3a
Col 2b	Col 2b	Col 3b
Col 3c	Col 3c	Col 3c
Col 4d	Col 4d	Col 3d

Table 1.1: This is a more detailed column

1.1.4   Tables

Col 1a	Col 2a
Col 2b	Col 2b
Col 3c	Col 3c
Col 4d	Col 4d

Chapter 2

Chapter 2 formating

2.1 Unit x

2.1.1 Strategy - details

2.1.2 Activity - details

(a) - question details

    i specifics about the question

    ii specifics about the question

    iii specifics about the question

2.2 Alternative markup

1. Arabic

2. Arabic

    (a) Alpha
        (i) Roman
    (b) next sub section
        (i) example 1
        (ii) anonther part question answer or referance

3. referancing another subsection Figure:1.7

2.3 set enumerate count

4 arabic

    (a) alpha
        i. roman
        ii. next item
    (b) next alpha

4 next arabic

N.B. this does not create a Table Of Contents, you would need to use "section" to build this out, additionally the enumerate value will overide the count see difference between the first and second example.

The counter will not be printed warnings refer to the enumerate value being specified.

Chapter 3

Notes Markups

3.0.1 Maths markups

Description of a fraction including subscripts useful for Graph calculations etc

Gradient $= \frac{rise}{run} = \frac{y_2 - y_1}{x_2 - x_1}$

Formatting the working out

$$\begin{aligned} f(x,y) &= a \\ &= b \\ &\quad + c \\ &\quad + d. \end{aligned} \tag{3.1}$$

Text

$$y = ax + b$$