

This is a single line. This will appear next to it. If I want a new paragraph, I will need to leave a line space in between.

Like this. Latex won't see see spaces in between words.

## 1 Method

In Section 2, we introduced the problem. %

## 2 Introduction

I can write mathematics inline by enclosing it in dollar signs, like this  $ax+by=0$ .

If I enclose the maths with two dollar signs, you will put it on its own line, for example

$$ax + by = 0$$

where  $a$  and  $b$  are constants. Notice that this doesn't have a label.

How to write summations?

$$\frac{\sqrt{\sum_{i=0}^n a_i}}{n}$$

We have all the symbols you can think of!

$$\alpha\beta\gamma \rightarrow \Phi \nrightarrow$$