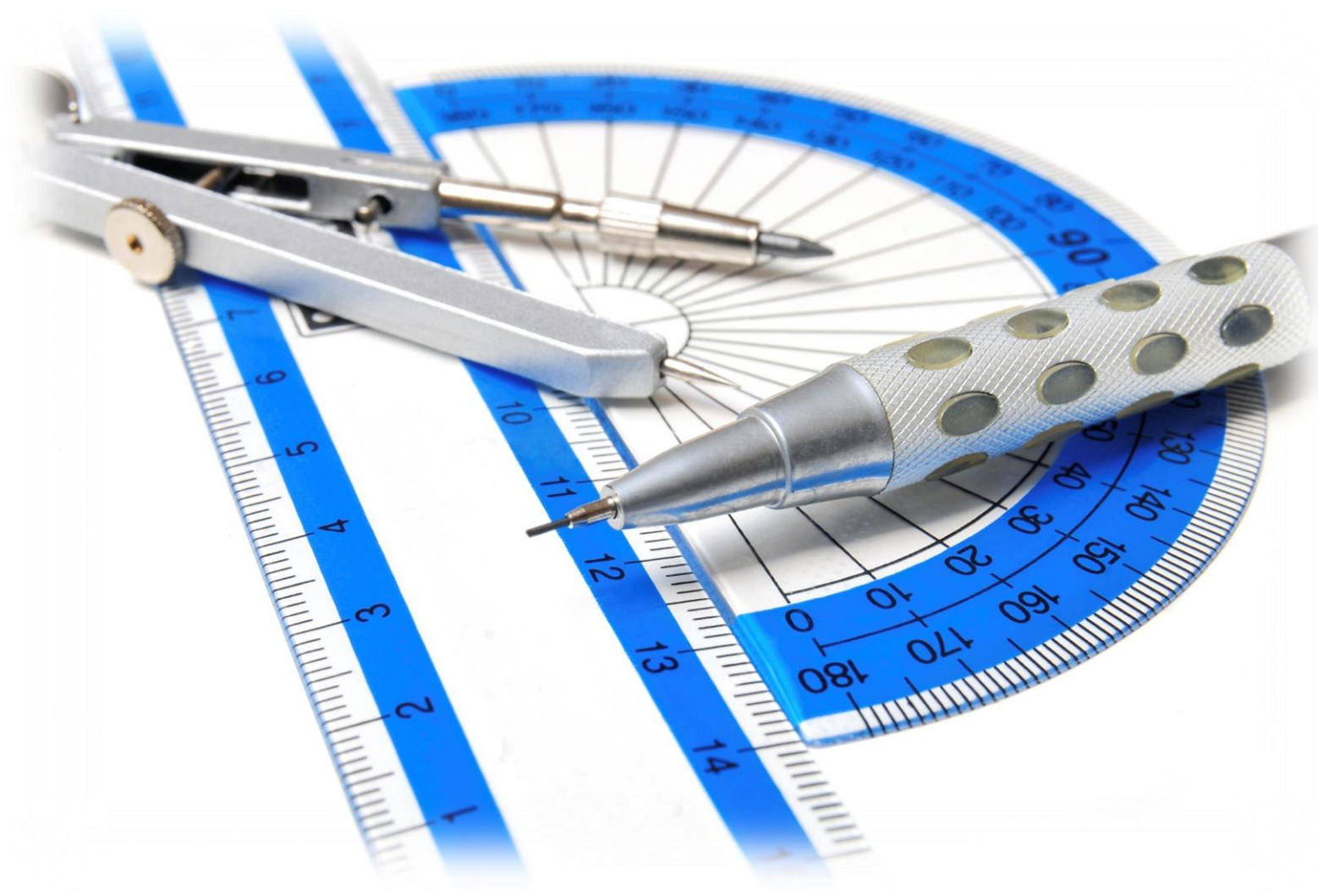


# Achieve Your Target Grade In GCSE Maths In Four Weeks

GCSE Maths Tricks Of The Trade



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## Introduction

### About Me

My name is Jeevan Singh and I'm a maths specialist and author. I've studied maths, up to degree level, and achieved top grades throughout; including an A\* at both GCSE and A-level. My expertise led me to set-up a local private tuition service, in the summer of 2012, called A-Star Tuition ([www.a-startuition.co.uk](http://www.a-startuition.co.uk)).

Although the service been quite successful, the drawbacks with this operation is I could only help students locally and not everyone could afford on-going tuition rates – stood at £20-£25 per hour, at the time. My goal was to help as many students as I could, irrespective of household income. The only way I could achieve this is if I moved my operation online.

Thus, I wrote a number of books in order to pass on my knowledge and experience to younger students, who wanted to excel at the subject but without having to spend huge sums of money. These publications included:

1. **Achieve Your Target Grade In GCSE Maths In Four Weeks.** This is a fast-track program to help students achieve their target grade in a relatively short time span. I understand that revision can be a strenuous task for some, so I felt this kind of program was needed to inform students that a fast-track to GCSE maths success did exist. Not only that, but I reveal how it's possible to spend half of their time doing the things they enjoy, whilst they set-about achieving their target grade.
2. **How To Maximise Your Result In Every GCSE Exam.** I realised quite quickly that the validity of my first revision guide (Target Grade In GCSE Maths In Four Weeks) would be affected by other subjects. Students who were following my four-week program were most likely revising for other subjects, simultaneously. I addressed this issue in my first guide, but it wasn't discussed at great length. A separate, detailed resource was necessary to show students how to revise accordingly, so results can improve across the board.

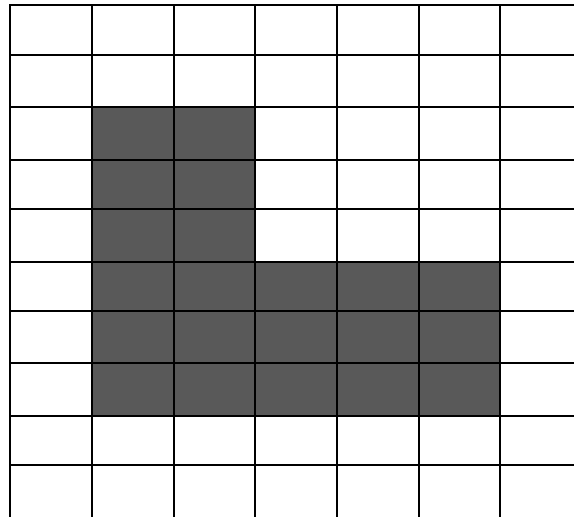
### The Purpose Of This Book

The third book in the series is the one you are reading now, **GCSE Maths: Tricks Of The Trade**. After going through past paper after past paper, I noticed that there are numerous tricks of the trade that students should be aware of. A lot of students are oblivious to these tricks and what happens is, they make silly mistakes in the exam, resulting in a lower overall score. By acknowledging these tricks, students have a better chance of securing their target grade and even the 100% mark.

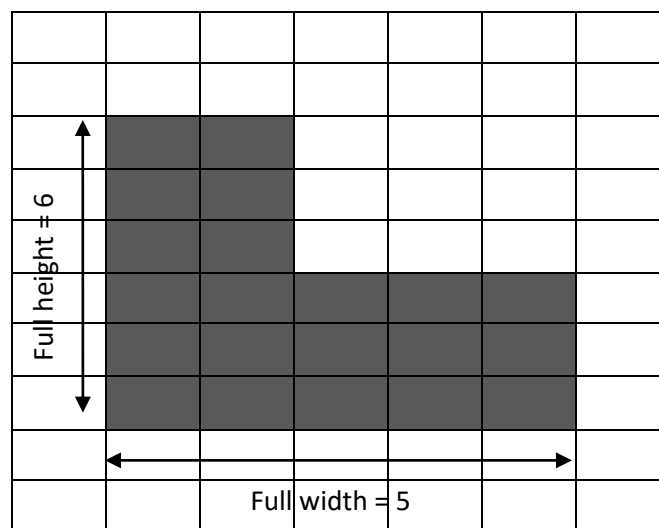
I've covered the foundation and higher tiers so this resource can be used by any GCSE maths student, regardless of ability. I identify the topic and an explanation of the trick. Then, I've shown how it's used in practice by working through an exam-style question. I've haven't covered the entire syllabus but selected certain types of questions, which I feel, need extra attention. Your task is to learn these tricks and use them in your exam so you can boost your chances of securing a top grade.

### 1. The 'perimeter of a compound shape' trick

This is such an obvious trick yet many students don't tend to notice it. In the foundation-tier, there is a chance you could be asked to find the perimeter of a compound shape like the one below:



What a typical student would do is measure the length of each side and then sum them, but there is no need to do this. All you have to do is measure the full height, the full width, add these two together and then, multiply by 2:



(full height) + (full width):

$$6 + 5 = 11$$

$$11 \times 2 = 22 \text{ cm}$$

Don't forget to put cm at the end, if it happens to be a centimetre square grid. You can check this answer yourself by using the traditional method of adding each side, individually.