



Y10 Maths

GCSE Statistics

Mr Townsend

Second in Maths
Lead Teacher for KS4 Mathematics

GCSE Statistics – Key Info

Exam board: Pearson-Edexcel

- 2 exams at the end of Year 10 which require a calculator.
- Both exam are out of 80 marks and will be completed in 90 minutes

Exam dates:

- Paper 1 = Tuesday 2nd June (PM)
- Paper 2 = Friday 12th June (PM)

Two Tiers of Entry

- Higher: Grades 4 to 9
- Foundation: Grades 1 to 5

Higher tier classes:

- 10GH1 (Mrs Cobb)
- 10GH2 (Miss Clark)
- 10YH1 (Miss Clifford)
- 10YH2 (Mr Townsend)

Foundation tier classes:

- 10GX1 (Mr Peake)
- 10GX2 (Mr Townsend)
- 10YX1 (Mr Glover)
- 10YX2 (Mr Harvey)
- 10YF1 (Mr Allen)

The Grades

G		F		E		D		C		B		A		A*					
1				2		3		4		5		6		7		8		9	

A pass has been set as a grade 4 (the old C grade)

Nationally Grades 2024/25:

- Grade 9 – 7 = 21.2%
- Grade 9 – 5 = 52.6%
- Grade 9 – 4 = 70.8%

Hardenhuish Grades 2024/25:

- Grade 9 – 7 = 24.0%
- Grade 9 – 5 = 65.3%
- Grade 9 – 4 = 85.1%

Why GCSE Statistics?

- An extra GCSE that our pupils do very well in
- Statistical skills link with subjects such as:
 - Science
 - Geography
 - Psychology
 - Business Studies
 - Economics

Exam Equipment

- Pen, pencil, ruler, rubber & pencil sharpener
- Protractor, compass and calculator

**Maths sets are available
to buy on Arbor shop
for £1.75**

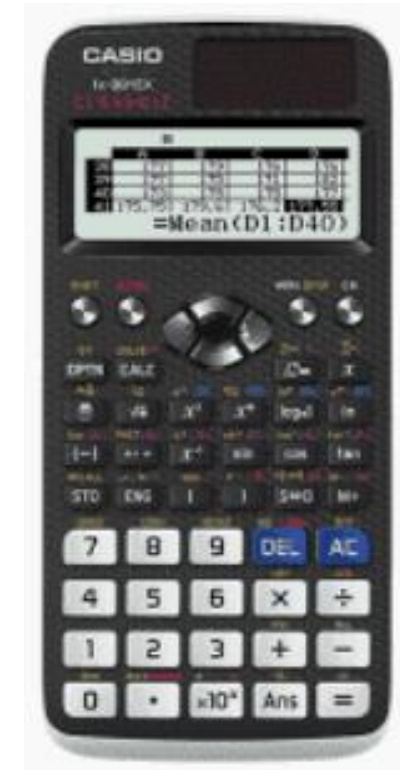
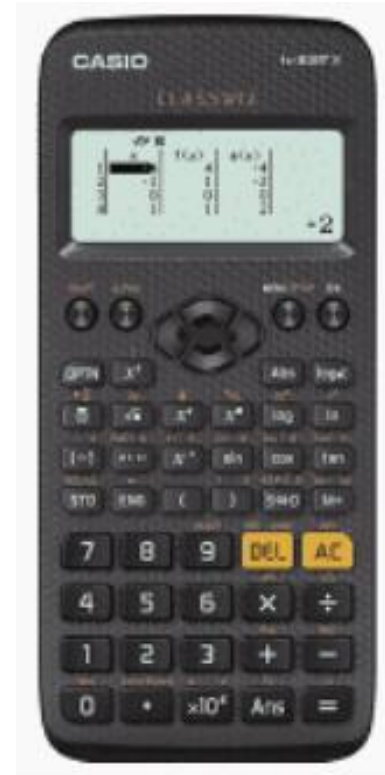


Calculators

Both calculators are available to
buy on Arbor shop

fx-83GT X £13.50

fx-991EX £25.00

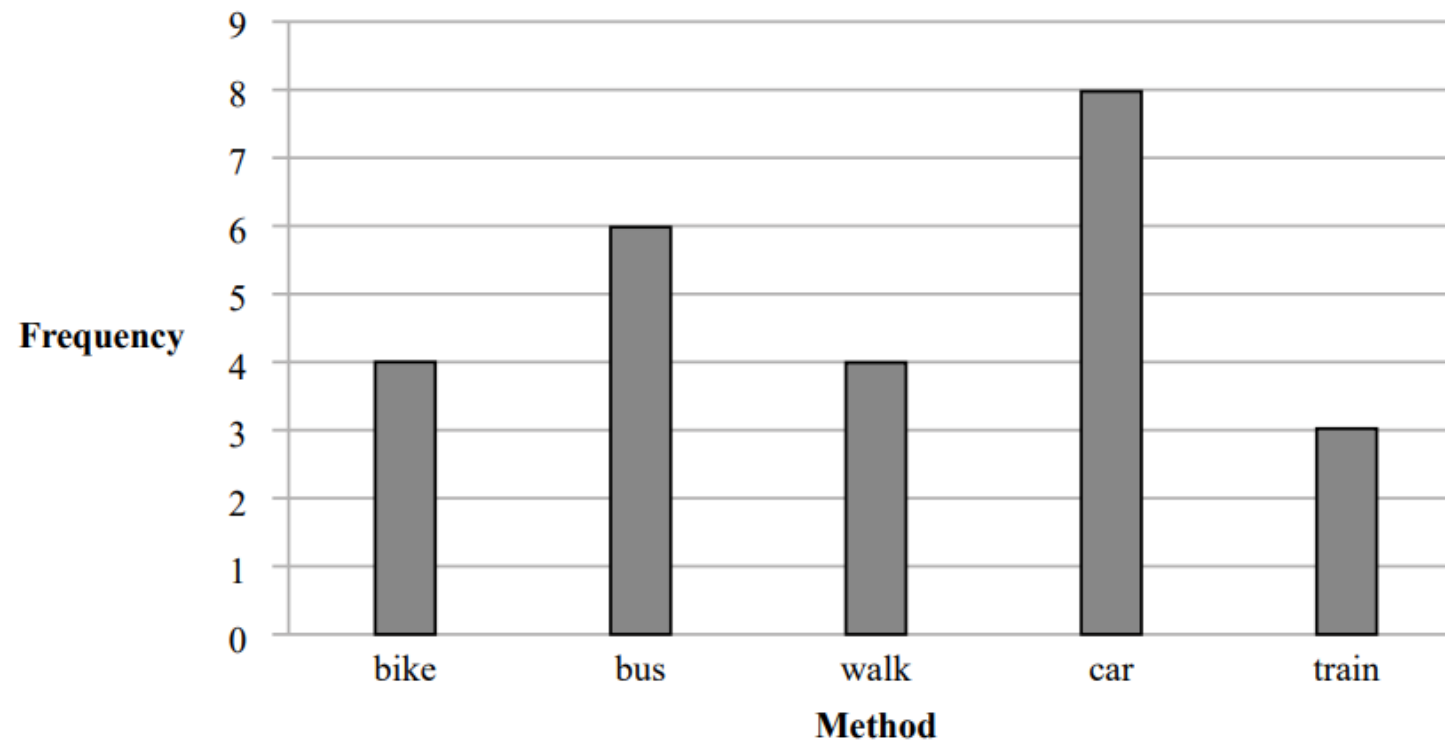


Predominantly aimed at those
taking maths beyond GCSE

Content - Examples

- 3 Razwan collected data about the methods used to get to work that morning by the 25 people who work at his company.

The bar chart shows information about the methods used.



- (a) Which method was used by the greatest number of people?

Content - Examples

27 adults were each asked to count the number of times they could bounce a ball on a bat.

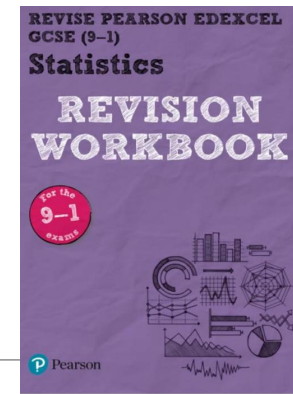
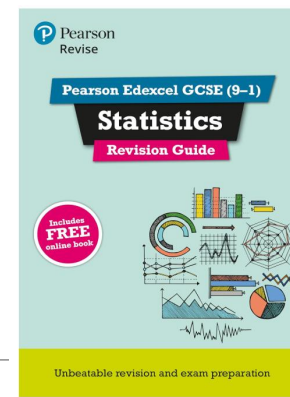
Here are the results.

5	8	13	5	7	23	30	6	21
24	23	22	13	9	12	6	12	34
22	20	35	22	12	16	24	13	12

(a) Complete the stem and leaf diagram for this information.



Preparation



- Pupils given GCSE Statistics past papers in class [once a fortnight, starting in February]
- Use notes from their exercise books and other revision aids.
- You will have the opportunity to order revision guides through the school in term 2. Also available to buy from Amazon. Please ensure Pearson Edexcel GCSE Statistics if you order them yourselves.
- Sparx maths can also support pupils with their revision. [Sparx Homework will not be set during the mocks or during the GCSE Statistics Exams]



Pearson Edexcel GCSE (9-1)

Statistics

Revision Guide

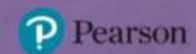
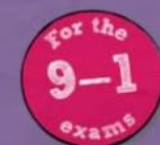


Unbeatable revision and exam preparation

REVISE PEARSON EDEXCEL
GCSE (9-1)

Statistics

REVISION WORKBOOK



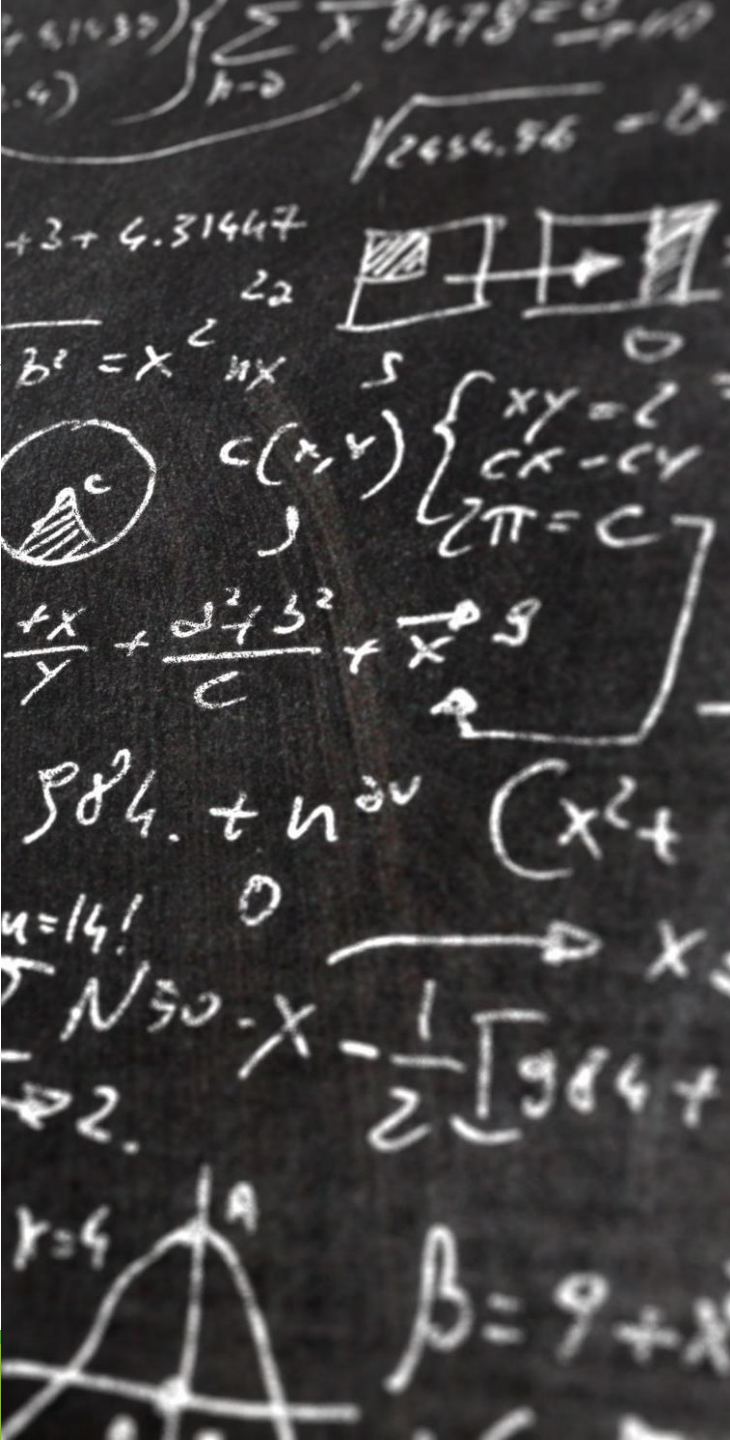
Sparx Maths

Thank you for supporting your young people with their Maths Homework already.

Students need to complete the work properly as the software will adapt the content and difficulty based on the student's responses.

Pupils should refrain from using AI to answer questions.

Can be used for extra practice and revision support as well. Some content will be related to GCSE Statistics.



Additional Information

1. Revision starters used regularly in lessons
2. Revision in class once the course is finished.
3. After school revision sessions later in May/June.
4. Past papers completed in class and set for homework.
5. "KS4 lunchtime club" in M6 on Thursday lunchtime.
6. Class teachers' available lunchtime or afterschool where needed.

Any questions?
