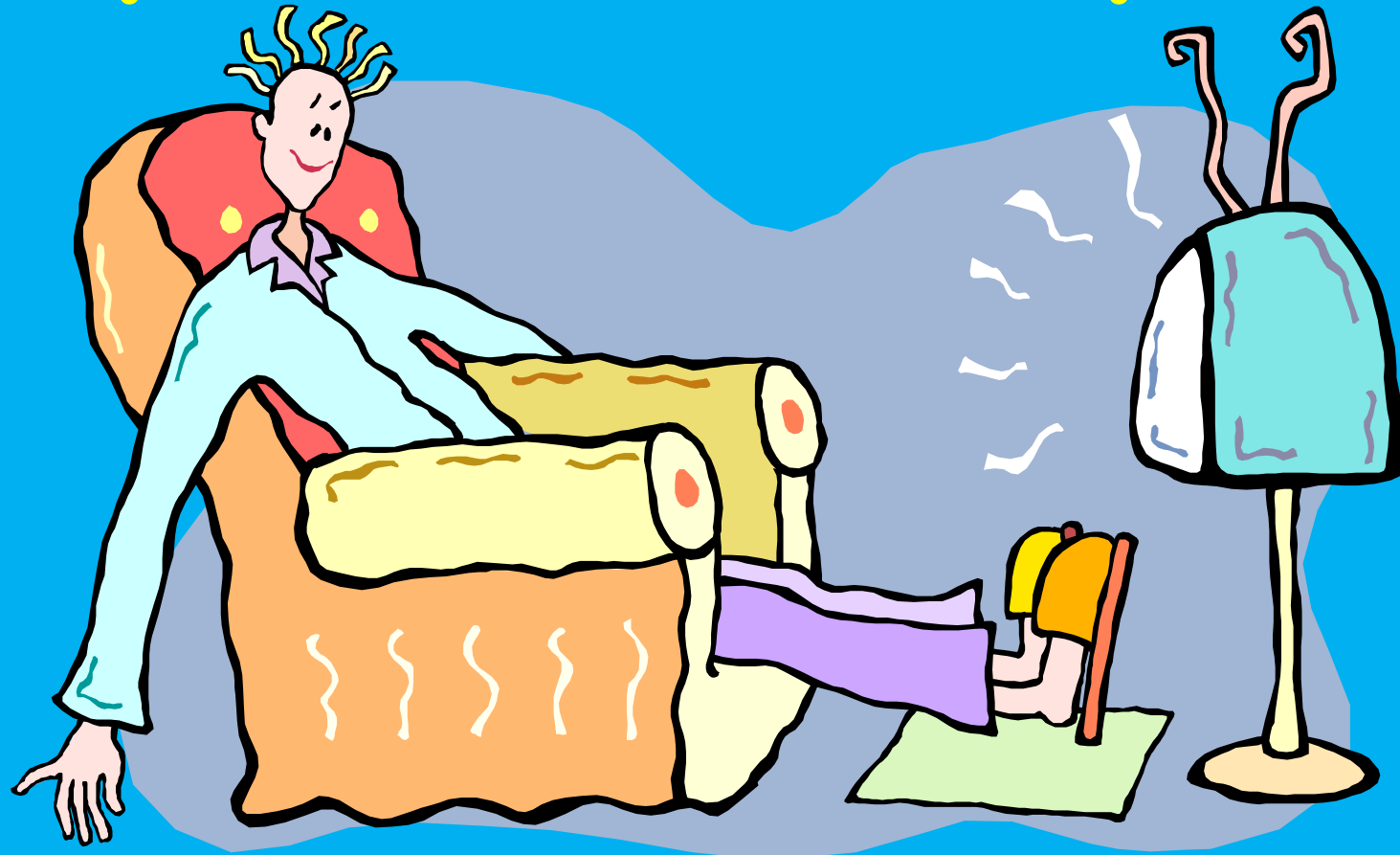


Maths revision is not
a spectator sport!



Make friends with your calculator



- Make sure it is in DEG mode...
- Get use to the functions...
- Watch out for the BIDMAS question - show workings!

Show all stages in your calculations

NO working + wrong answer = NO marks

Correct working + wrong answer = SOME marks

Time Management

You have 90 minutes for 80 marks.

1 mark = 1 minute

Some time left over at the end to check.

If you are spending 3 minutes on a 1 mark question, there will be an easier method.

Likewise, if you spend 1 minute on a 5-marker, you've probably missed something.

Write Neatly

Just because it is Maths and we deal with numbers, it doesn't mean you shouldn't write with your best hand writing...

The easier you make it for the examiner to read your answers, the more marks you could obtain.

Lay out each step of your working clearly and include units where necessary.

Key Words

Estimate → This means work out roughly by rounding the numbers to one significant figure.

Explain → Tell the examiner how you got your answer or how you know your answer is correct.

Construct → This is another way of saying 'draw accurately' using mathematical equipment.

Calculate → This does not mean use a calculator, it means 'work out' (and show your working!).

Complete → This usually means to fill in a data table or to fill in gaps.

Key Words

Expand

$$4(d - 3) = 4d - 12$$

Factorise

Solve → this means to work out the value of something; usually a variable in an algebraic equation.

Simplify → This is the process of making something simpler, eg. algebra or a fraction.

Rounding

Make sure you read whether you need to round to decimal places or significant figures.

For example: 0.0453682

0.05	2 decimal places
0.045	2 significant figures

For example: 85762

85800	3 significant figures
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Units & Conversion

Check: are the units the same throughout the question?

Check: are there units given on the answer line?

Remember:

5 miles = 8 km

12 inches = 1 foot = 30 cm

60 minutes = 1 hour

15 minutes = 0.25 hours, **NOT 0.15**

"Give reasons for your answer"

Is it plural or singular? Use the marks available to interpret how many reasons to give.

This does not mean write an essay!

The examiner will be looking for keywords in your answer.

It might help to plan your answer briefly first to make sure you leave enough space for your reasons.

"Diagram not drawn accurately"

Rulers and protractors will be of no use here.

You will need to use angle reasoning, area and volume formulae, trigonometry or circle theorems to help you answer these questions.

Don't cross out your working!

...Unless you've got something better to replace it with.

Crossed out working cannot be marked. You are better off leaving incorrect working there and gaining one or two marks than gaining none.

Answer Everything!

Again, you are better off leaving incorrect working there and gaining one or two marks than gaining none.

Why not have a go at that really hard question at the back? I bet you know some maths you can use for it.

Check Your Working!

If you finish early...

Check your working.

Don't just sit looking at the wall.

This doesn't mean just look at your answers, go over every step of your working to make sure you haven't made any silly mistakes with times tables or negatives.

Old Exam

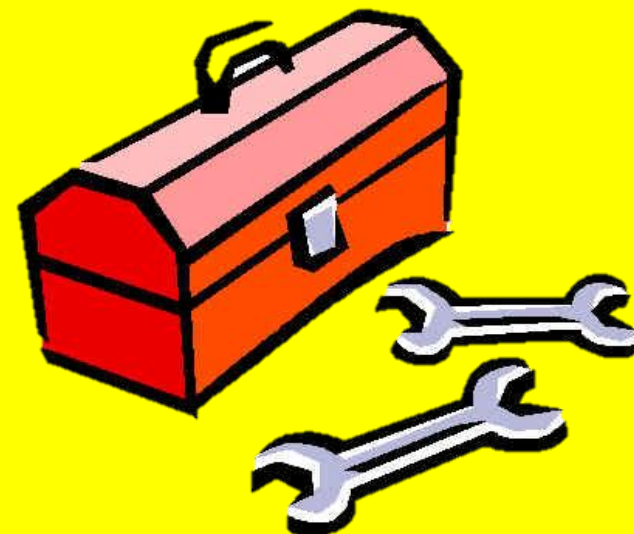
Work out 29×52

The mathematical skills haven't changed, *YOU* have to decide when is the right time to use them.

We all have a *Mathematical Toolbox* full of skills that we have built up over the years. All we have to do is decide what is the correct tool to use for the job.

New Exam

A local football club have just reached the county cup final. They want to bring 29 coaches to the final. Each coach has 52 seats. How many supporters are going to the final?



LOGOUT

Maths Watch

2015 Specifications



*Revision lessons
just a click away...*



Foundation GCSE By Clip



Grade 1

Clip 1 - Place Value

Clip 2 - Ordering Integers

Clip 3 - Ordering Decimals

Clip 4 - Reading Scales

Clip 5 - Simple Mathematical Notation

Clip 6 - Interpreting Real-Life Tables

a) Time

b) Timetables and Distance Tables

Clip 7 - Introduction to Algebraic Conventions

Clip 8 - Coordinates

Don't Panic

Do your best - it is all you can do

