Tackling Mathematical Questions

*Always set out maths problems using the structure given below. It may seem to take longer but it will save time in the long run as it makes the question clearer.*

# USE IESSUU

<http://www.youtube.com/watch?v=u7akhlAS5Ck>

1. Information- Summarise the question by writing down what you know from the information given. Use the letter that goes with the quantity and this will help you be able to work out the correct formula
2. Equation – write down the equation as it occurs in the data sheet. Do not attempt to rearrange it before substituting.
3. Substitution – put the numbers into the equation as they appear in the formula
4. Solution – work out the answer. You are ALWAYS allowed to use a calculator
5. Units- you will need to use the correct units so will need to learn these. No or wrong units no mark for the answer
6. Underline – underline with 2 lines the answer to make your final answer clear.

In short:

1. (**I**nformation)- Summarise the question.
2. Change any units that are not standard.
3. (**E**quation) -Write out the formula.
4. (**S**ubstitution) -Put the numbers in.
5. *Use the magic triangle to rearrange the formula*, *only if you must!*
6. (**S**olution)- Work out the answer.
7. Write out the answer, but not to too many sig fig.
8. (**U**nits) -Add units to your answer.
9. (**U**nderline) Underline the answer