



$$x = 10^n$$

Fermi Quiz

- Aim** To estimate the values of various quantities
- Method**
- For each of the questions listed on the next sheet, give the *integer* closest to the *base 10 logarithm* of the answer (*i.e.* if the answer is 10^n , give n to the nearest integer)
 - The mark given to each question will be the difference between the value given and the correct value
- Conditions**
- The answer must be given in the units specified
 - For those quantities that must be guessed the judge's decision is final (*i.e.* the judge is always right, even when he's wrong)
 - No access to electronic information storage allowed
 - No crib sheets allowed
- Time limit** To be completed by the end of the fourth event
- Ranking** The ranking order will be determined by the sum of the marks for all of the questions – the lowest marks get the highest rank