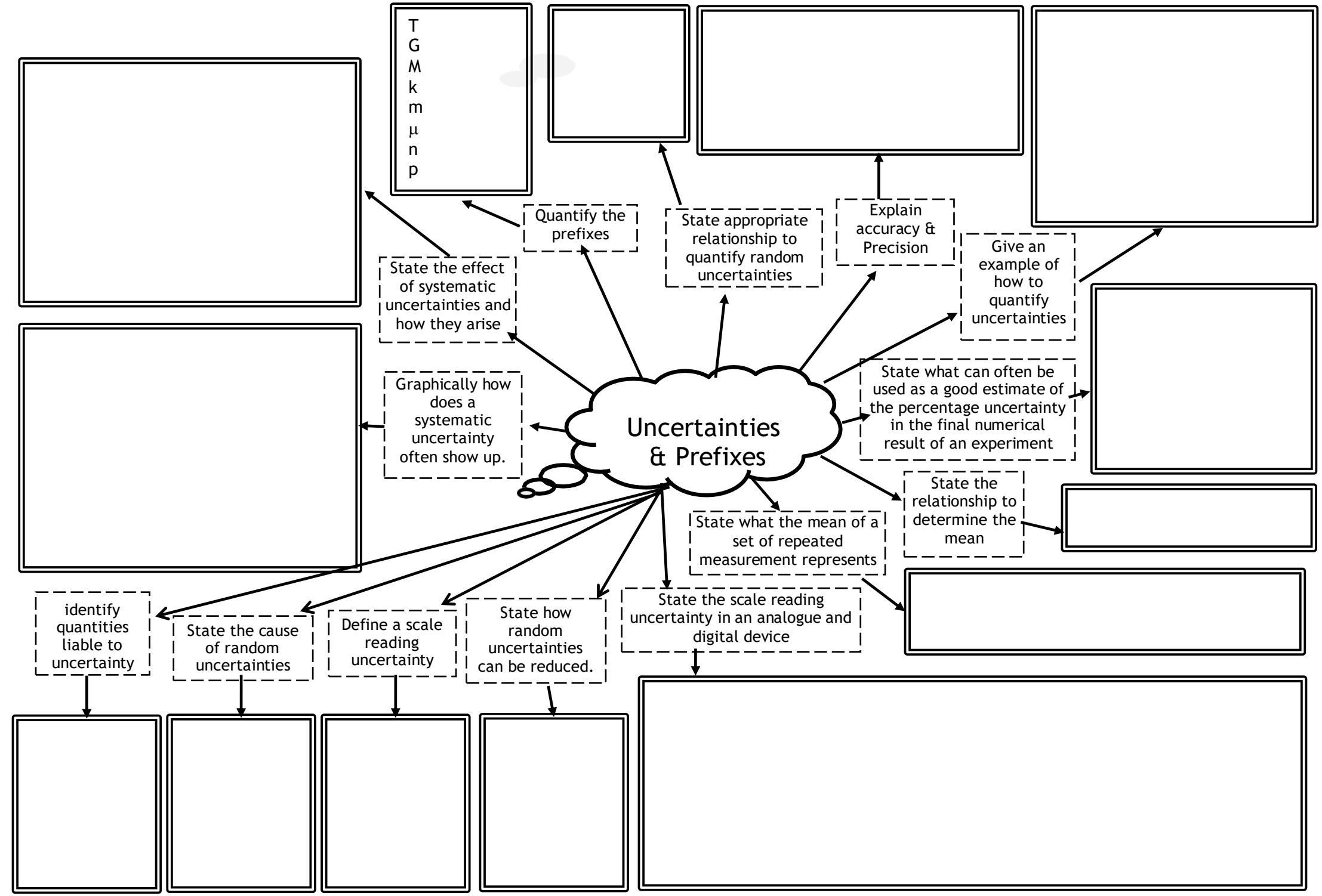
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Uncertainties & Prefixes
Quantify the prefixes
State appropriate relationship to quantify random uncertainties
Explain accuracy & Precision
Give an example of how to quantify uncertainties
State the effect of systematic uncertainties and how they arise
Graphically how does a systematic uncertainty often show up.
State what can often be used as a good estimate of the percentage uncertainty in the final numerical result of an experiment
State the relationship to determine the mean
State what the mean of a set of repeated measurement represents
identify quantities liable to uncertainty
State the cause of random uncertainties
Define a scale reading uncertainty
State how random uncertainties can be reduced.
State the scale reading uncertainty in an analogue and digital device