

Quantity	Unit	Symbol
mass	kilogram	kg
length	metre	m
time	seconds	s
temperature	kelvin	K
current	amperes	A
amount of substance	mole	mol

Precision : how close the results are to each other
 Accuracy : how close results are to the real value

Systematic error : affects measurements by the same amount
 eg zero error,

Random error : unpredictable error, affects gradient of a graph, to reduce take multiple measurements

Absolute uncertainty : the smallest reading on an instrument

Chapter 2