

A rough estimate or calculated guess	Reach conclusion without knowing all details - ignoring possible irrelevancies (e.g. friction in motion)	Use formulae, insert numerical values from a question, to solve a problem	Problems which involve two or more steps
Approximation	Assumption	Calculation	Complex problems
Physics Ideas	A question with a setting/with relevance to the question	Prove something using first principles	A statement that represents something in words
Concepts	Context	Derive	Description
A picture/image that provides information for the question	Fully explain including comparing and contrasting of physics idea	An educated guess (which may not involve a calculation)	Consequence caused by external factors to particular variables
Diagram	Discuss	Estimate	Effect
Written sentence(s) to show the meaning of something	Physics equations with variables used to determine mathematical values	give written reasons for something	Diagram with words/symbols to identify the parts of the diagram
Explain	Formulae	Justify	Labelled

At right angles	Something that happens but can't always be explained	Something that can be physically measured e.g. mass, time	Fundamental Physics ideas
Perpendicular	Phenomena	Physical quantity	Principles
Give information or calculations to explain the problem	Steps leading to a particular result	Attributes	Numerical
Provide	Process	Properties	Quantitative
Descriptive	How two (or more) variables are connected / related	Something that is important to the situation	Give evidence for
Qualitative	Relationship	Relevant	Show
How many numbers you use to write an answer	Magnitude (how big something is)	Draw roughly	A short response
Significant figures	Size	Sketch	State

A problem that only requires one step to solve	Knowing (and being able to explain) how something works	What a quantity is measured in e.g. ms^{-1}	Mathematical steps showing use of a formula to reach a final answer
Straightforward problems	Understanding	Units	Workings