

Definition

Theorem

Proof

Corollary

Lemma

Proposition

Remark

Conjecture

Example

<p>A precise meaning of a word or notation.</p>	<p>A declaration of what a particular word will be used to mean through the rest of the text.</p>
<p>The meaning of a word or concept. Socially constructed but is generally accepted in the field in which it is being used and might vary between fields.</p>	<p>An important result which is proven to be true. (Important in the sense that it's an "end result", often applicable outside of its immediate area of maths.)</p>
<p>An important mathematical result with a proof.</p>	<p>An idea in mathematics that has been shown to be true via logical reasoning. Is widely accepted as true.</p>
<p>A convincing and logical argument which culminates with a conclusion of some sort. (The "convincing" part is important, the most important aspect of a proof is clear and precise communication.)</p>	<p>A convincing argument. Often 'modular' in structure, i.e., made up of smaller arguments and results that are put together to form a larger argument.</p>
<p>The process of showing an idea or statement is true via logical reasoning that is convincing and can be understood by others.</p>	<p>A result which follows almost immediately from a theorem (or proposition etc.)</p>

<p>A consequence of a theorem, generally a consequence important for an application.</p>	<p>A mathematical statement connected via logical reasoning to another statement or idea that has already been proven.</p>
<p>A result which was proven specifically to aid with proving other results in the given area of maths. Not necessarily important or useful outside of those applications.</p>	<p>A particularly important sub-result that goes into proving a theorem. Often has more general applicability than the theorem.</p>
<p>A proof that is often used as part of another proof.</p>	<p>An “end result” in maths, but the author decided it wasn’t important enough to warrant a grander name.</p>
<p>A not-so-important mathematical result with a proof.</p>	<p>A statement in mathematics that can be shown to be true. Not deemed as important as other results.</p>
<p>An idea that the author wants to draw special attention to, like an insight or a point of caution, often relating to the human aspect of maths and how we think about it.</p>	<p>A comment often attempting to answer a question one might have after reading a definition/ theorem/ proof.</p>

<p>A less formal statement included in a textbook or paper to provide additional context.</p>	<p>An important unsolved question in maths, which has some evidence supporting its truth.</p>
<p>A mathematical guess informed by evidence which does not amount to a convincing argument.</p>	<p>A hypothesis in mathematics. Could also be seen as a guess or prediction.</p>
<p>A special case of a more general idea or concept.</p>	<p>An illustration of a definition or a theorem.</p>
<p>A statement or problem used to illustrate a concept or idea</p>	