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## Wiki markup

The **wiki markup** is the syntax system you can use to format a Wikipedia page; please see [Help:Editing](#) for details on it, and [Help:Wikitext examples](#) for a longer list of the possibilities of Wikitext.

## Links and URLs

What it looks like	What you type
<p>London has <a href="#">public transport</a>.</p> <ul style="list-style-type: none"> <li>• A link to another Wiki article.</li> <li>• Internally, the first letter of the target page is automatically capitalized and spaces are represented as underscores (typing an underscore in the link has the same effect as typing a space, but is not recommended).</li> <li>• Thus the link above is to the <a href="#">URL</a> en.wikipedia.org/wiki/Public_transport, which is the Wikipedia article with the name "Public transport". See also <a href="#">Wikipedia:Canonicalization</a>.</li> </ul>	<p>London has <code>[[public transport]]</code>.</p>
<p>San Francisco also has <a href="#">public transportation</a>.</p> <ul style="list-style-type: none"> <li>• Same target, different name.</li> <li>• The target ("piped") text must be placed <b>first</b>, then the text that will be displayed second.</li> </ul>	<p>San Francisco also has <code>[[public transport  public transportation]]</code>.</p>

What it looks like	What you type
<p>San Francisco also has <a href="#">public transportation</a>.                      Examples include <a href="#">buses</a>, <a href="#">taxicabs</a>, and <a href="#">streetcars</a>.</p> <ul style="list-style-type: none"> <li>• Endings are blended into the link.</li> <li>• Preferred style is to use this instead of a piped link, if possible.</li> <li>• Blending can be suppressed by using tags, which may be desirable in some instances. Example: a <a href="#">microsecond</a>.</li> </ul>	<p>San Francisco also has <code>[[public transport]]ation</code>.</p> <p>Examples include <code>[[bus]]es</code>, <code>[[taxicab]]s</code>, and <code>[[streetcar]]s</code>.</p> <p>a <code>[[micro]]second</code></p>
<p>See the <a href="#">Wikipedia:Manual of Style</a>.</p> <ul style="list-style-type: none"> <li>• A link to another <a href="#">namespace</a>.</li> </ul>	<p>See the <code>[[Wikipedia:Manual of Style]]</code>.</p>
<p><a href="#">Wikipedia:Manual of Style</a> is a link to a section within another page. <a href="#">#Italics</a> is a link to another section on the current page. <a href="#">#Italics</a> is a piped link to a section within another page.</p> <ul style="list-style-type: none"> <li>• The part after the number sign (#) must match a section heading on the page. Matches must be exact in terms of spelling, case, and punctuation. Links to non-existent sections are not broken; they are treated as links to the top of the page.</li> <li>• Include "  link title" to create a stylish (piped) link title.</li> </ul>	<p><code>[[Wikipedia:Manual of Style#Italics]]</code> is a link to a section within another page.</p> <p><code>[[#Links and URLs]]</code> is a link to another section on the current page.</p> <p><code>[[Wikipedia:Manual of Style#Italics Italics]]</code> is a piped link to a section within another page.</p>
<p>Automatically hide stuff in parentheses: <a href="#">kingdom</a>. Automatically hide namespace: <a href="#">Village Pump</a>. Or both: <a href="#">Manual of Style</a> But not: <a href="#">Manual of Style#Links</a></p> <ul style="list-style-type: none"> <li>• The server fills in the part after the pipe character ( ) when you save the page. The next time you open the edit box you will see the expanded piped link. When <a href="#">previewing</a> your edits, you will not see the expanded form until you press <b>Save</b> and <b>Edit</b> again. The same applies to links to sections within the same page (<a href="#">see previous entry</a>).</li> <li>• See <a href="#">Wikipedia:Pipe trick</a> for details.</li> </ul>	<p>Automatically hide stuff in parentheses:  <code>[[kingdom (biology)]]</code>.</p> <p>Automatically hide namespace:  <code>[[Wikipedia:Village Pump]]</code>.</p> <p>Or both:  <code>[[Wikipedia:Manual of Style (headings)]]</code></p> <p>But not:  <code>[[Wikipedia:Manual of Style#Links]]</code></p>

What it looks like	What you type
<p><a href="#">National sarcasm society</a> is a page that does not exist yet.</p> <ul style="list-style-type: none"> <li>• You can create it by clicking on the link.</li> <li>• To create a new page:               <ol style="list-style-type: none"> <li>1. Create a link to it on some other (related) page.</li> <li>2. Save that page.</li> <li>3. Click on the link you just made. The new page will open for editing.</li> </ol> </li> <li>• For more information, see <a href="#">How to start a page</a> and check out Wikipedia's <a href="#">naming conventions</a>.</li> <li>• Please do not create a new article without linking to it from at least one other article.</li> </ul>	<pre>[[National sarcasm society]] is a page that does not exist yet.</pre>
<p><a href="#">Wikipedia:How to edit a page</a> is a link to this page.</p> <ul style="list-style-type: none"> <li>• <a href="#">Self links</a> appear as bold text when the article is viewed.</li> <li>• Do not use this technique to make the article name bold in the first paragraph; see the <a href="#">Manual of Style</a>.</li> </ul>	<pre>[[Wikipedia:How to edit a page]] is a link to this page.</pre>

What it looks like	What you type
<p>The character <b>tilde</b> (~) is used when adding a comment to a Talk page. You should sign your comment by appending four tildes (~~~~) to the comment so as to add your user name plus date/time:</p> <p><a href="#">Patricia Zhang</a> 13:40, Jan 14, 2007 (UTC)</p> <p>Adding three tildes (~~~) will add just your user name:</p> <p><a href="#">Patricia Zhang</a></p> <p>and adding five tildes (~~~~~) gives the date/time alone:</p> <p>13:40, Jan 14, 2007 (UTC)</p> <ul style="list-style-type: none"> <li>The first two both provide a link to your <a href="#">user page</a>.</li> </ul>	<p>The character '''tilde''' (~) is used when adding a comment to a Talk page. You should sign your comment by appending four tildes (~~~~) to the comment so as to add your user name plus date/time:</p> <pre>: ~~~~</pre> <p>Adding three tildes (~~~) will add just your user name:</p> <pre>: ~~~</pre> <p>and adding five tildes (~~~~~) gives the date/time alone:</p> <pre>: ~~~~~</pre>
<ul style="list-style-type: none"> <li><a href="#">Redirect</a> one article title to another by placing a directive like the one shown to the right on the <i>first</i> line of the article (such as at a page titled "<a href="#">USA</a>").</li> <li>It is possible to redirect to a section. For example, a redirect to <a href="#">United States History</a> will redirect to the <a href="#">United States</a> page, to the History section if it exists.</li> </ul>	<pre>#REDIRECT [[United States]]  #REDIRECT [[United States#History United States History]] will redirect to the [[United States]] page, to the History section if it exists</pre>

What it looks like	What you type
<ul style="list-style-type: none"> <li>• Link to a page on the same subject in another language by placing a link of the form: <code>[[language code:Title]]</code> in the wiki text of the article.</li> </ul> <p>For example in the article on <a href="#">Plankton</a>, which is available on a lot of other wikis, the interlanguage links would look like so:</p> <pre>[[de:Plankton]] [[es:Plancton]] [[ru:????????]] [[simple:Plankton]]</pre> <ul style="list-style-type: none"> <li>• While it does not matter where you put these links while editing, it is recommended that these links be placed at the very end of the edit box.</li> <li>• These will not be visible in the main text of the article on which they are placed but appear as links in the extreme left margin column of Wikipedia page as part of a separate box under the 'toolbox' titled 'in other languages'. You can check out the links to the corresponding page in wikipedias of other languages for this Wikipedia MOS help page itself.</li> <li>• Please see <a href="#">Wikipedia:Interlanguage links</a> and the <a href="#">list of languages and codes</a>.</li> </ul>	
<p><b>What links here</b> and <b>Related changes</b> pages can be linked as:  <a href="#">Special:Whatlinkshere/Wikipedia:How to edit a page</a> and  <a href="#">Special:Recentchangeslinked/Wikipedia:How to edit a page</a></p>	<pre>'''What links here''' and '''Related changes''' pages can be linked as: [[Special:Whatlinkshere/ Wikipedia:How to edit a page]] and [[Special:Recentchangeslinked/ Wikipedia:How to edit a page]]</pre>
<p>A user's <b>Contributions</b> page can be linked as: <a href="#">Special:Contributions/UserName</a> or <a href="#">Special:Contributions/192.0.2.0</a></p>	<pre>A user's '''Contributions''' page can be linked as: [[Special:Contributions/UserName]] or [[Special:Contributions/192.0.2.0]]</pre>

What it looks like	What you type
<ul style="list-style-type: none"> <li>To put an article in a <a href="#">Wikipedia:Category</a>, place a link like the one to the right anywhere in the article. As with interlanguage links, it does not matter where you put these links while editing as they will always show up in the same place when you save the page, but placement at the end of the edit box is recommended.</li> </ul>	<pre>[[Category:Character sets]]</pre>
<ul style="list-style-type: none"> <li>To <i>link</i> to a <a href="#">Wikipedia:Category</a> page without putting the article into the category, use an initial colon (:) in the link.</li> </ul>	<pre>[:Category:Character sets]]</pre>
<p>Three ways to link to external (non-wiki) sources:</p> <ol style="list-style-type: none"> <li>Bare URL: <a href="http://www.wikipedia.com/">http://www.wikipedia.com/</a> (bad style)</li> <li>Unnamed link: <a href="http://www.wikipedia.com/">http://www.wikipedia.com/</a> (only used within article body for footnotes)</li> <li>Named link: <a href="#">Wikipedia</a></li> </ol> <p>See <a href="#">MetaWikiPedia:Interwiki_map</a> for the list of shortcuts.</p> <ul style="list-style-type: none"> <li>Square brackets indicate an external link. Note the use of a <i>space</i> (not a pipe) to separate the URL from the link text in the "named" version.</li> <li>In the <a href="#">URL</a>, all symbols must be among: <b>A-Z a-z 0-9 . _ / ~ % - + &amp; # ? ! = ( ) @</b></li> <li>If a URL contains a character not in this list, it should be encoded by using a percent sign (%) followed by the <a href="#">hex</a> code of the character, which can be found in the table of <a href="#">ASCII printable characters</a>. For example, the caret character (^) would be encoded in a URL as <b>%5E</b>.</li> <li>If the "named" version contains a closing square bracket "]", then you must use the <a href="#">HTML</a> special character</li> </ul>	<p>Three ways to link to external (non-wiki) sources:</p> <pre># Bare URL: http://en.wikipedia.org/ (bad style) # Unnamed link: [http://en.wikipedia.org/] (only used within article body for footnotes) # Named link: [http://en.wikipedia.org Wikipedia]</pre>

<p>syntax, i.e. ] otherwise the <a href="#">MediaWiki</a> software will prematurely interpret this as the end of the external link.</p> <ul style="list-style-type: none"> <li>• There is a class that can be used to remove the arrow image from the external link. It is used in <a href="#">Template:Ref</a> to stop the URL from expanding during printing. It should <b>never</b> be used in the main body of an article. However, there is an exception: wikilinks in Image markup. An example of the markup is as follows:             <ul style="list-style-type: none"> <li>◦ Markup:                 <pre>[http://www.sysinternals.com/ntw2k/freeware/winobj.shtml WinObj]</pre> </li> <li>◦ Display: <a href="#">WinObj</a></li> </ul> </li> <li>• See <a href="#">Wikipedia:External links</a> for style issues.</li> </ul>	
<p>Linking to other wikis:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Interwiki</a> link: <a href="#">Wiktionary:Hello</a></li> <li>2. Interwiki link without prefix: <a href="#">Hello</a></li> <li>3. Named interwiki link: <a href="#">Wiktionary definition of 'Hello'</a></li> </ol> <ul style="list-style-type: none"> <li>• All of these forms lead to the URL <a href="http://en.wiktionary.org/wiki/Hello">http://en.wiktionary.org/wiki/Hello</a></li> <li>• Note that interwiki links use the <i>internal</i> link style.</li> <li>• See <a href="#">MetaWikipedia:Interwiki map</a> for the list of shortcuts; if the site you want to link to is not on the list, use an external link (<a href="#">see above</a>).</li> <li>• See also <a href="#">Wikipedia:Wikimedia sister projects</a>.</li> </ul> <p>Linking to another language's wiktionary:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Wiktionary:fr:bonjour</a></li> <li>2. <a href="#">bonjour</a></li> <li>3. <a href="#">fr:bonjour</a></li> </ol> <ul style="list-style-type: none"> <li>• All of these forms lead to the URL <a href="http://fr.wiktionary.org/wiki/bonjour">http://fr.wiktionary.org/wiki/bonjour</a></li> </ul>	<p>Linking to other wikis:</p> <pre># [[Interwiki]] link: [[Wiktionary:Hello]] # Interwiki link without prefix: [[Wiktionary:Hello ]] # Named interwiki link: [[Wiktionary:Hello  Wiktionary definition of 'Hello']]</pre> <p>Linking to another language's wiktionary:</p> <pre># [[Wiktionary:fr:bonjour]] # [[Wiktionary:fr:bonjour bonjour]] # [[Wiktionary:fr:bonjour ]]</pre>

What it looks like	What you type
<p><a href="#">ISBN 012345678X</a> <a href="#">ISBN 0-12-345678-X</a></p> <ul style="list-style-type: none"> <li>• Link to books using their <a href="#">ISBN</a>. This is preferred to linking to a specific online bookstore, because it gives the reader a choice of vendors. However, if one bookstore or online service provides additional free information, such as table of contents or excerpts from the text, then a link to that source will aid the user and is recommended.</li> <li>• <a href="#">ISBN</a> links do not need any extra markup, provided you use one of the indicated formats.</li> </ul>	<pre>ISBN 012345678X ISBN 0-12-345678-X</pre>
<p>Text mentioning RFC 4321 anywhere</p> <ul style="list-style-type: none"> <li>• Link to <a href="#">Internet Engineering Task Force RFCs</a>.</li> </ul>	<pre>Text mentioning RFC 4321 anywhere</pre>
<p>Date formats:</p> <ol style="list-style-type: none"> <li>1. <a href="#">July 20, 1969</a></li> <li>2. <a href="#">20 July 1969</a></li> <li>3. <a href="#">1969-07-20</a></li> <li>4. <a href="#">1969-07-20</a></li> </ol> <ul style="list-style-type: none"> <li>• Link dates in one of the above formats, so that everyone can set their own display order. If <a href="#">logged in</a>, you can use <a href="#">Special:Preferences</a> to change your own date display setting.</li> <li>• All of the above dates will appear as "<a href="#">20 July 1969</a>" if you set your date display preference to "15 January 2001", but as "<a href="#">July 20, 1969</a>" if you set it to "January 15, 2001", or as "<a href="#">1969-07-20</a>" if you set it to "2001-01-15".</li> </ul>	<pre>Date formats: # [[July 20]], [[1969]] # [[20 July]] [[1969]] # [[1969]]-[[07-20]] # [[1969-07-20]]</pre>
<p>Special <a href="#">as-of</a> links like <a href="#">this year</a> needing future maintenance</p>	<pre>Special [[WP:AO as-of]] links like [[As of 2006 this year]] needing future maintenance</pre>

What it looks like	What you type
<p><a href="#">Sound</a></p> <ul style="list-style-type: none"> <li>To include links to non image uploads such as sounds, use a "media" link. For images, <a href="#">see next section</a>.</li> </ul> <p>Some uploaded sounds are listed at <a href="#">Wikipedia:Sound</a>.</p>	<pre>[[media:Classical guitar scale.ogg Sound]]</pre>
<p>Link directly to <b>edit</b> for an existing page, or apply other link attributes.</p> <ul style="list-style-type: none"> <li>use <code>{{fullurl:}}</code></li> <li>or use <code>{{template:edit}}</code> which conceals the edit label for page printing</li> </ul>	<pre>{{fullurl:page name action=edit}}</pre>

## Images

Only images that have been uploaded to Wikipedia can be used. To upload images, use the [upload page](#). You can find the uploaded image on the [image list](#).

What it looks like	What you type
<p>A picture: -</p>	<p>A picture:</p> <pre>[[Image:wiki.png]]</pre>
<p>With alternative text: -</p>	<p>With alternative text:</p> <pre>[[Image:wiki.png Wikipedia, The Free Encyclopedia.]]</pre> <ul style="list-style-type: none"> <li>Alternative text, used when the image is unavailable or when the image is loaded in a text-only browser, or when spoken aloud, is <b>strongly</b> encouraged. See <a href="#">Alternate text for images</a> for help on choosing it.</li> </ul>
<p>Floating to the right side of the page using the <i>frame</i> attribute and a caption: -</p> <p>Wikipedia Encyclopedia</p>	<p>Floating to the right side of the page using the ''frame'' attribute and a caption:</p> <pre>[[Image:wiki.png frame Wikipedia Encyclopedia]]</pre> <ul style="list-style-type: none"> <li>The frame tag automatically floats the image right.</li> <li>The caption is also used as alternate text.</li> </ul>
<p>Floating to the right side of the page using the <i>thumb</i> attribute and a caption: -</p> <p>Wikipedia Encyclopedia</p>	<p>Floating to the right side of the page using the ''thumb'' attribute and a caption:</p> <pre>[[Image:wiki.png thumb Wikipedia Encyclopedia]]</pre> <ul style="list-style-type: none"> <li>The thumb tag automatically floats the image right.</li> <li>The caption is also used as alternate text.</li> <li>An enlarge icon is placed in the lower right corner.</li> </ul>

What it looks like	What you type
Floating to the right side of the page <i>without</i> a caption:	Floating to the right side of the page 'without' a caption: [[Image:wiki.png right Wikipedia Encyclopedia]]  <ul style="list-style-type: none"> <li>The help topic on <a href="#">extended image syntax</a> explains more options.</li> </ul>
A picture resized to 30 pixels...	A picture resized to 30 pixels... [[Image:wiki.png 30 px]]  <ul style="list-style-type: none"> <li>The help topic on <a href="#">extended image syntax</a> explains more options.</li> </ul>
Linking directly to the description page of an image: <a href="#">Image:wiki.png</a>	Linking directly to the description page of an image: [:Image:wiki.png]]  <ul style="list-style-type: none"> <li>Clicking on an image displayed on a page</li> </ul> <p>(such as any of the ones above) also leads to the description page</p>
Linking directly to an image without displaying it: <a href="#">Image of the jigsaw globe logo</a>	Linking directly to an image without displaying it: [:media:wiki.png Image of the jigsaw globe logo]]  <ul style="list-style-type: none"> <li>To include links to images shown as links instead of drawn on the page, use a "media" link.</li> </ul>
Using the <a href="#">div tag</a> to separate images from text (note that this may allow images to cover text):	Example:  <div style="text-align: center;">Place images here</div>
Using wiki markup to make a table in which to place a vertical column of images (this helps edit links match headers, especially in Firefox browsers):	Example: {  align=right
Place images here	

}

See the Wikipedia's [image use policy](#) as a guideline used on Wikipedia.

For further help on images, including some more versatile abilities, see the topic on [Extended image syntax](#).

## Headings

For a top-level heading, put it on a separate line surrounded by '=='. For example:

==Introduction==

Subheadings use '===', '====', and so on.

## Character formatting

What it looks like	What you type
<p><i>Italicized text</i></p> <p><b>Bold text</b></p> <p><i><b>Italicized &amp; Bold text</b></i></p>	<pre>''Italicized text'' '''Bold text''' ''''Italicized &amp; Bold text''''</pre>
<p>A typewriter font for monospace text or for computer code: <code>int main()</code></p> <ul style="list-style-type: none"> <li>For semantic reasons, using <code>code</code> where applicable is preferable to using <code>pre</code>.</li> </ul>	<p>A typewriter font for monospace text or for computer code: <code>int main()</code></p>
<p>Create codeblocks</p> <pre>#include int main () { cout &lt;&lt; "Hello World!"; return 0; }</pre> <p>that are printed as entered</p>	<p>Use <code>code</code> Block of Code around the block of code.</p> <ul style="list-style-type: none"> <li>The <code>pre</code> tags within the code block will create formatting issues. To solve, display the tags literally with <code>&lt;code&gt;</code> and <code>&lt;/code&gt;</code></li> </ul>
<p>You can use <code>small</code> text for captions.</p>	<pre>You can use <code>small</code> text for captions.</pre>
<p>Better stay away from <b>big</b> text, unless it's within <code>small</code> text.</p>	<pre>Better stay away from <code>big</code> text, unless it's within <code>small</code> text.</pre>

What it looks like	What you type
<p>You can <del>strike out deleted material</del> and <u>underline new material</u>. You can also mark <del>deleted material</del> and <u>inserted material</u> using logical markup. For backwards compatibility better combine this potentially ignored new <del>logical</del> with the old <del>physical</del> markup.</p> <ul style="list-style-type: none"> <li>• When editing regular Wikipedia articles, just make your changes and do not mark them up in any special way.</li> <li>• When editing your own previous remarks in talk pages, it is sometimes appropriate to mark up deleted or inserted material.</li> </ul>	<p>You can <del>strike out deleted material</del> and <u>underline new material</u>.</p> <p>You can also mark <del>deleted material</del> and <u>inserted material</u> using logical markup. For backwards compatibility better combine this potentially ignored new <del>logical</del> with the old <del>physical</del> markup.</p>
<p><b>Suppressing interpretation of markup:</b> Link ? ("to") the [[Wikipedia FAQ]]</p> <ul style="list-style-type: none"> <li>• Used to show literal data that would otherwise have special meaning.</li> <li>• Escape all wiki markup, including that which looks like HTML tags.</li> <li>• Does not escape HTML character references.</li> <li>• To escape HTML character references such as ? use →</li> </ul>	<p>Link ? (''to'')</p> <p>the [[Wikipedia FAQ]]</p>
<p><b>Commenting page source:</b> <i>not shown when viewing page</i></p> <ul style="list-style-type: none"> <li>• Used to leave comments in a page for future editors.</li> <li>• Note that most comments should go on the appropriate <a href="#">Talk page</a>.</li> </ul>	

What it looks like	What you type
<p><b>Diacritical marks:</b>            À Á Â Ã Ä Å            Æ Ç È É Ê Ë            Ì Í Î Ï Ñ Ò            Ó Ô Õ Ö Ø Ù            Ú Û Ü ß à á            â ã ä å æ ç            è é ê ë ì í            î ï ñ ò ó ô            œ õ ö ø ù ú            û ü ý</p> <ul style="list-style-type: none"> <li>• See <a href="#">special characters</a>.</li> </ul>	<p>À Á Â Ã Ä Å            Æ Ç È É Ê Ë            Ì Í Î Ï Ñ Ò            Ó Ô Õ Ö Ø Ù            Ú Û Ü ß à á            â ã ä å æ ç            è é ê ë ì í            î ï ñ ò ó ô            œ õ ö ø ù ú            û ü ý</p>
<p><b>Punctuation:</b>            ¿ ¡ § ¶            † ‡ • —            ‹ › ‹‹ ››            ‹ › ‹‹ ››</p>	<p>¿ ¡ § ¶            † ‡ • —            ‹ › ‹‹ ››            \ / " "</p>
<p><b>Commercial symbols:</b>            ™ © ® ¢ € ¥            £ ¤</p>	<p>™ © ® ¢ € ¥            £ ¤</p>

What it looks like	What you type
<p><b>Subscripts:</b>  <math>x_1 x_2 x_3</math> or  <math>x? x? x? x? x?</math>  <math>x? x? x? x? x?</math> <b>Superscripts:</b>  <math>x^1 x^2 x^3</math> or  <math>x? x^1 x^2 x^3 x?</math>  <math>x? x? x? x? x?</math></p> <ul style="list-style-type: none"> <li>The latter methods of sub/superscripting cannot be used in the most general context, as they rely on Unicode support which may not be present on all users' machines. For the 1-2-3 superscripts, it is nevertheless preferred when possible (as with units of measurement) because most browsers have an easier time formatting lines with it.</li> </ul> <p><math>?_0 = 8.85 \times 10^{?12} \text{ C}^2 / \text{J m. 1 <a href="#">hectare</a></math>  <math>= <a href="#">1 \text{ E4 m}^2</a></math></p>	<p><math>x_1 x_2 x_3</math> or  <math>x? x? x? x? x?</math>  <math>x? x? x? x? x?</math>  <math>x^1 x^2 x^3</math> or  <math>x? x^1 x^2 x^3 x?</math>  <math>x? x? x? x? x?</math>  <math>?_0 =</math>  <math>8.85 \times 10^{?12}</math>  <math>\text{C}^2 / \text{J m.}</math>  <math>1 \text{ [[hectare]]} = [[1 \text{ E4 m}^2]]</math></p>
<p><b>Greek characters:</b>  <math>?????</math>  <math>??????</math>  <math>??????</math>  <math>??????</math>  <math>??????</math>  <math>?????</math></p>	<p><math>? ? ? ? ? ?</math>  <math>? ? ? ? ? ? ?</math>  <math>? ? ? ? ? ?</math>  <math>? ? ? ? ? ?</math>  <math>? ? ? ? ? ?</math>  <math>? ? ? ?</math></p>
<p><b>Mathematical characters:</b>  <math>????? \pm ?</math>  <math>??????</math>  <math>\times \cdot \div ? ? ?</math>  <math>? \% \circ ? ? \emptyset</math>  <math>?????? ? ? ?</math>  <math>\neg ? ? ? ?</math>  <math>??????</math>  <math>??????</math></p> <ul style="list-style-type: none"> <li>See also <a href="#">WikiProject Mathematics</a> and <a href="#">TeX</a>.</li> </ul>	<p><math>? ? ? ? ? \pm ?</math>  <math>? ? ? ? ? ?</math>  <math>\times \cdot \div ? ? ?</math>  <math>? \% \circ ? ? \emptyset</math>  <math>? ? ? ? ? ? ? ?</math>  <math>\neg ? ? ? ?</math>  <math>? ? ? ? ?</math>  <math>? ? ? ? ?</math></p>

What it looks like	What you type
<p>,! <math>\sin x + \ln y</math>  <math>\sin x + \ln y</math> <math>\mathbf{x} = 0</math> Ordinary text should use <a href="#">wiki markup for emphasis</a>, and should not use <code>or</code> . <i>However, mathematical formulae often use italics, and sometimes use bold, for reasons unrelated to emphasis. Complex formulae should use <a href="#">markup</a>, and simple formulae may use <code>;</code> or <code>and</code> ; or <code>'</code> and <code>''</code>. According to <a href="#">[[Wikipedia:WikiProject Mathematics#Italicization and bolding WikiProject Mathematics]]</a>, wiki markup is preferred over HTML markup like <code>and</code> .</i></p>	<pre>,! sin x + ln y sin''x'' + ln''y''  mathbf{x} = 0 ''x'' = 0</pre>
<p><b>Spacing in simple math formulae:</b>  Obviously, <math>x^2 \neq 0</math> is true when <math>x</math> is a real number.</p> <ul style="list-style-type: none"> <li>To space things out without allowing line breaks to interrupt the formula, use non-breaking spaces: <code> </code> .</li> </ul>	<pre>Obviously, ''x''^2 \neq 0 is true when ''x'' is a real number.</pre>
<p><b>Complicated formulae:</b></p> $\sum_{n=0}^{\infty} \frac{x^n}{n!}$ <ul style="list-style-type: none"> <li>See <a href="#">Help:Formula</a> for how to use .</li> <li>A formula displayed on a line by itself should probably be indented by using the colon (<code>:</code>) character.</li> </ul>	<pre>: sum_{n=0}^{\infty} frac{x^n}{n!}</pre>

(see also: [Chess symbols in Unicode](#))

## No or limited formatting—showing exactly what is being typed

A few different kinds of formatting will tell the Wiki to display things as you typed them—what

you see, is what you get!

What it looks like	What you type
<p><b>tag:'''</b>  <b>The nowiki tag ignores [[Wiki]] "markup". It reformats text by removing newlines and multiple spaces. It still interprets special characters: ?</b></p>	<p>The nowiki tag ignores [[Wiki]] 'markup'. It reformats text by removing newlines and multiple spaces. It still interprets special characters: ?</p>
<p>tag:'''</p> <p>The pre tag ignores [[Wiki]] 'markup'. It also doesn't reformat text. It still interprets special characters: ?</p>	<p>The pre tag ignores [[Wiki]] 'markup'. It also doesn't reformat text. It still interprets special characters: ?</p>
<p><b>Leading space:</b>                      Leading spaces are another way to preserve formatting. <i>However, it will make the whole page fail to render properly in some browsers, such as IE7, thus making the page unreadable.</i></p> <p>Putting a space at the beginning of each line stops the text from being reformatted. It still interprets <a href="#">Wiki</a> markup and special characters: ?</p>	<p>Leading spaces are another way to preserve formatting. Putting a space at the beginning of each line stops the text from being reformatted. It still interprets [[Wiki]] 'markup' and special characters: ?</p>

## Invisible text (comments)

{{main}} It's uncommon, but on occasion acceptable, to add a hidden comment within the text of an article. The format is this:

## Table of contents

At the current status of the wiki markup language, having at least four headers on a page triggers the table of contents (TOC) to appear in front of the first header (or after introductory sections). Putting `__TOC__` anywhere forces the TOC to appear at that point (instead of just before the first header). Putting `__NOTOC__` anywhere forces the TOC to disappear. See also [compact TOC](#) for alphabet and year headings.

## Tables

There are two ways to build tables:

- in special Wiki-markup (see [Help:Table](#))
- with the usual HTML elements:

,  
,  
or .

For the latter, and a discussion on when tables are appropriate, see [Wikipedia:When to use tables](#).

## **Variables**

*(See also [Help:Variable](#))*

Code	Effect
{{CURRENTWEEK}}	11
{{CURRENTDOW}}	2
{{CURRENTMONTH}}	03
{{CURRENTMONTHNAME}}	March
{{CURRENTMONTHNAMEGEN}}	{{CURRENTMONTHNAMEGEN}}
{{CURRENTDAY}}	11
{{CURRENTDAYNAME}}	Thursday
{{CURRENTYEAR}}	2010
{{CURRENTTIME}}	06:20
{{NUMBEROFARTICLES}}	NUMBEROFARTICLES
{{NUMBEROFUSERS}}	NUMBEROFUSERS
{{PAGENAME}}	PAGENAME
{{NAMESPACE}}	NAMESPACE
{{REVISIONID}}	REVISIONID
{{localurl:pagename}}	/wiki/Pagename
{{localurl:Wikipedia:Sandbox action=edit}}	/w/index.php?title=Wikipedia%3ASandbox&action=edit
{{fullurl:pagename}}	<a href="http://en.wikipedia.org/wiki/Pagename">http://en.wikipedia.org/wiki/Pagename</a>
{{fullurl:pagename query_string}}	<a href="http://en.wikipedia.org/w/index.php?title=Pagename&amp;query_string">http://en.wikipedia.org/w/index.php?title=Pagename&amp;query_string</a>
{{SERVER}}	SERVER
{{ns:1}}	Talk
{{ns:2}}	User
{{ns:3}}	User_talk
{{ns:4}}	Meta
{{ns:5}}	Meta_talk
{{ns:6}}	Image
{{ns:7}}	Image_talk
{{ns:8}}	MediaWiki
{{ns:9}}	MediaWiki_talk
{{ns:10}}	Template
{{ns:11}}	Template_talk
{{ns:12}}	Help
{{ns:13}}	Help_talk
{{ns:14}}	Category
{{ns:15}}	Category_talk
{{SITENAME}}	SITENAME

**NUMBEROFARTICLES** is the number of pages in the main namespace which contain a link and are not a redirect, in other words number of articles, stubs containing a link, and disambiguation pages.

**CURRENTMONTHNAMEGEN** is the genitive (possessive) grammatical form of the month name, as used in some languages; **CURRENTMONTHNAME** is the nominative (subject) form, as usually seen in English.

In languages where it makes a difference, you can use constructs like `{{grammar:case|word}}` to convert a word from the nominative case to some other case. For example, `{{grammar:genitive|{{CURRENTMONTHNAME}}}}` means the same as `{{CURRENTMONTHNAMEGEN}}`.

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