

## Helpful Math Websites

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### Videos

	Pros	Cons
<a href="http://www.khanacademy.org">www.khanacademy.org</a>	<ul style="list-style-type: none"> <li>• Free videos.</li> <li>• Usually starts by telling you what something means.</li> <li>• Offers a more intuitive approach to solving problems.</li> </ul>	<ul style="list-style-type: none"> <li>• Have to log-in using Facebook or Gmail to view the videos.</li> </ul>
<a href="http://patrickjmt.com">patrickjmt.com</a>	<ul style="list-style-type: none"> <li>• Free videos.</li> <li>• Don't have to log-in.</li> <li>• All videos are searchable.</li> </ul>	<ul style="list-style-type: none"> <li>• Generally only tells you how to solve specific problems, instead of giving intuitive overview of the concepts.</li> </ul>

### Help for Particular Problems

	Pros	Cons
<a href="http://www.algebrahelp.com">www.algebrahelp.com</a>	<ul style="list-style-type: none"> <li>• Has some free lessons, calculators, and worksheets.</li> </ul>	<ul style="list-style-type: none"> <li>• Have to learn the website's special way to enter the mathematical notation.</li> </ul>
<a href="http://www.mathway.com">www.mathway.com</a>	<ul style="list-style-type: none"> <li>• Easy to enter the problem.</li> </ul>	<ul style="list-style-type: none"> <li>• Shows the answer for free, but costs money to see the explanation.</li> </ul>
<a href="http://www.cymath.com">www.cymath.com</a>	<ul style="list-style-type: none"> <li>• Free and easy to see both the answer and explanation (steps) to solving a problem.</li> <li>• Has an app for your android or iPhone.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited to the type of problems that can be done, but it does most basic math problems.</li> </ul>
<a href="http://www.photomath.net">www.photomath.net</a>	<ul style="list-style-type: none"> <li>• Take a picture of a typed out math problem and the steps will be shown.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited in what types of problems can be done</li> <li>• Only for use on Windows or iPhone (not android).</li> <li>• Cannot be used for hand-written problems.</li> </ul>
<a href="http://www.wolframalpha.com">www.wolframalpha.com</a>	<ul style="list-style-type: none"> <li>• Free and easy to use to see both the answer and explanation (steps) to solving a problem.</li> <li>• Can be used to find information other than just for math.</li> </ul>	<ul style="list-style-type: none"> <li>• Must log-in to see steps to problem.</li> <li>• Limits to number of explanations that can be seen per day without paying.</li> <li>• App for phone is not free.</li> </ul>

**Other: Worksheets, Practice Problems, Tutorials, Activities, etc.**

	<b>Pros</b>	<b>Cons</b>
<a href="http://www.purplemath.com">www.purplemath.com</a>	<ul style="list-style-type: none"><li>• Free math lessons with the claim that they focus on the practicalities of solving a problem rather than the technicalities.</li></ul>	<ul style="list-style-type: none"><li>• May be hard to find the lesson that you're looking for. Make sure to click on 'Index of Lessons' at the top of the page.</li></ul>
<a href="http://www.sosmath.com">www.sosmath.com</a>	<ul style="list-style-type: none"><li>• Free math tutorials on nearly all levels of mathematics.</li></ul>	<ul style="list-style-type: none"><li>• May be hard to find the lesson that you're looking for.</li></ul>
<a href="http://www.mathdoesntsuck.com">www.mathdoesntsuck.com</a>	<ul style="list-style-type: none"><li>• Corresponds with the book, "Math Doesn't Suck", by Danica McKellar.</li></ul>	<ul style="list-style-type: none"><li>• Nice book for reviewing basic math, but cost might be a factor.</li></ul>
<a href="http://www.coolmath.com">www.coolmath.com</a>	<ul style="list-style-type: none"><li>• Offers free math lessons, practice, and dictionary.</li><li>• Has math games.</li></ul>	<ul style="list-style-type: none"><li>• May be hard to navigate the website at times.</li><li>• Games may be distracting when you just want to focus on learning a lesson.</li></ul>
<a href="http://www.mathisfun.com">www.mathisfun.com</a>	<ul style="list-style-type: none"><li>• Offers free math lessons on nearly all levels of mathematics.</li><li>• Has a practice multiplication table at <a href="http://www.mathsisfun.com/numbers/math-trainer-multiply.html">http://www.mathsisfun.com/numbers/math-trainer-multiply.html</a></li></ul>	<ul style="list-style-type: none"><li>• May be hard to find the lesson that you're looking for. Make sure to click on the 'Index' button near the middle of the page.</li></ul>
<a href="http://www.math.com">www.math.com</a>	<ul style="list-style-type: none"><li>• Offers free math lessons on nearly all levels of mathematics.</li><li>• Fairly organized and easy to find everything along the left side of the page.</li></ul>	<ul style="list-style-type: none"><li>• Be careful of the ads on this site and the fact that they have a link to a store that might try to sell you stuff.</li></ul>
<a href="http://www.ilovemath.org">www.ilovemath.org</a>	<ul style="list-style-type: none"><li>• Offers many free lessons and activities on various areas of math.</li></ul>	<ul style="list-style-type: none"><li>• Some of the lessons are intended for use as lesson plans by teachers rather than for direct use by students.</li></ul>
<a href="http://www.analyzemath.com">www.analyzemath.com</a>	<ul style="list-style-type: none"><li>• Offers free math tutorials, problems, worksheets, and applets on nearly all levels of mathematics.</li></ul>	<ul style="list-style-type: none"><li>• Although the site appears to be fairly organized along the left side of the page, you still need to know what you're looking for.</li></ul>

**Online Calculator:** [www.desmos.com](http://www.desmos.com) – has an app for your phone as well.

**Even More Resources**

For algebra, <http://bit.ly/algebramap>

For Calculus, <http://bit.ly/calcmmap>

For Statistics, <http://bit.ly/statmap>