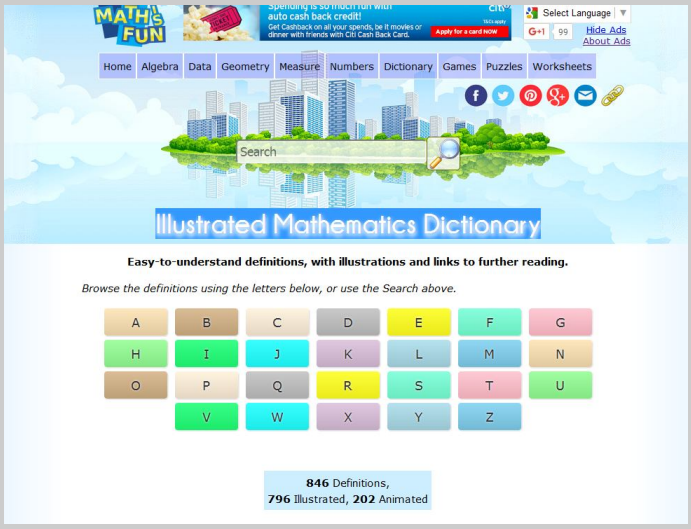
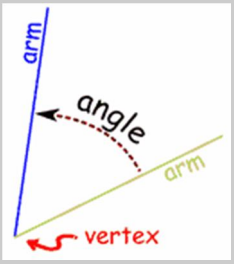
Name of the Tool	**Illustrated Mathematics Dictionary**
Home Page	
Logo	
URL	https://www.mathsisfun.com/definitions/
Subject	Mathematics - Dictionaries
Accessibility	Free
Language	Multilingual
Publisher	MathsIsFun.com
Scope and Coverage	This dictionary includes 846 definitions, 796 illustration and 202 animations (As on Tuesday 28 Feb 2012). It covers mathematical information for the users from Kindergarten to 12 years. Various types of mathematical concepts, instruments, signs, symbols like Binomial, Brackets, Binary Numbers, Calculator, Orthocenter, Oval etc. have been represented here.

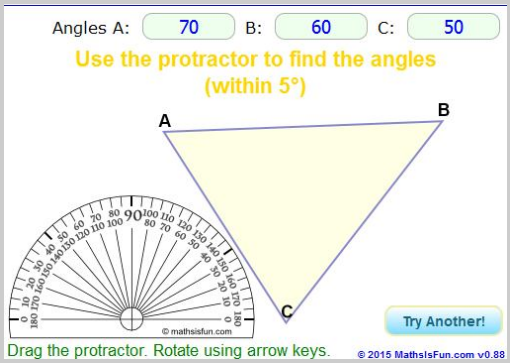
Kind of Information

All terms provides short description, suitable examples or images, graphical representation of formulas, other references for more information in this dictionary. An example is given below for clear understanding.

The term "**Angle**"

Definition of **Angle**
The amount of turn between two straight lines that have a common end point (the vertex).





More information about angle

Names of Angles
As the Angle Increases, the Name Changes:

Type of Angle	Description
Acute Angle	an angle that is less than 90°
Right Angle	an angle that is 90° exactly
Obtuse Angle	an angle that is greater than 90° but

	less than 180°
Straight Angle	an angle that is 180° exactly
Reflex Angle	an angle that is greater than 180°

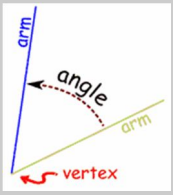
The above mentioned information on “Angle” are also available in various language such as Bengali, Gujrati, French, German, Italian, Urdu, Hindi, Chinese, Japanese and so on.

Some examples are given below:

In Bengali

সংজ্ঞা কোণ

দুই সরলরেখায় একটি সাধারণ শেষ বিন্দু (প্রান্তবিন্দু) আছে মধ্যে ঘুরে পরিমাণ.



কোণের নাম

যেমন এঙ্গেল বৃদ্ধি, নাম পরিবর্তন:

In German

Winkel

Die Menge des wiederum zwischen zwei geraden Linien, die einen gemeinsamen Endpunkt (der Scheitelpunkt) aufweisen.

There are see references also available in some entries. E.g.:

Altitude

The height of an object or place above sea level.
See: ***Altitude (Geometry)***

Special Features	❖ Links to various social networking sites like Facebook, Twitter, Google plus etc. are available and there are also links to Gmail, Yahoo mail are found. ❖ User can send message through a feedback form. ❖ Math and logic puzzle games links are also attached here.
Arrangement Pattern	Entries are arranged alphabetically. Under a particular alphabet the terms are arranged in alphabetical sequence. For example under 'A' the terms are arranged in the following order like Abacus, Abscissa, Absolute Value, Acceleration, Accuracy, Acre, Acute Angle, Acute Triangle etc.
Remarks	This online illustrated mathematical dictionary has the capability to make mathematics a very interesting subject to the children. Its colourful nature, precise descriptions and links to various mathematical games allows a child to roam in the wonderland of mathematics. Children who are not interested in mathematics may also find this tool an interesting and attractive thing to work with and thus a chance to fall in love with the subject also peeps through the corner.
Comparable Tools	➢ Mathematical Programming Glossary (http://glossary.computing.society.informs.org/ver2/mpgwiki/index.php?title=Main_Page) ➢ Math.com Glossary (http://www.math.com/school/glossary/glossindex.html) ➢ Mathematics Dictionary & Glossary for students (http://www.itseducation.asia/mathematics/)

Date of Access	April 11, 2016