

## Assistive Technology Tools: Math

Assistive technology (AT) tools for math are designed to help people who struggle with computing, organizing, aligning, and copying math problems down on paper. With the help of visual and/or audio support, users can better set up and calculate basic math problems.

AT tools that assist with math fall into two categories:

- [Electronic Math Worksheets \(articles.asp?r=1075\)](#)

Electronic math worksheets are software programs that can help a user organize, align, and work through math problems on a computer screen. Numbers that appear onscreen can also be read aloud via a speech synthesizer. This may be helpful to people who have trouble aligning math problems with pencil and paper.

### What type(s) of learning difficulty do these tools address?

This type of tool benefits people who struggle with: [math \(http://www.schwablearning.org/articles.asp?r=1072\)](http://www.schwablearning.org/articles.asp?r=1072).

### Products to Consider:

- [MathPad and MathPad Plus \(http://store.cambiumlearning.com/ProgramPage.aspx?parentId=074003433&functionID=009000008&pID=&site=itc\)](#)
- [MathTalk \(http://www.mathtalk.com/\)](http://www.mathtalk.com/)

### Resources to help you evaluate assistive technology for your child:

- [Consumer Tips for Evaluating Assistive Technology Products \(http://www.schwablearning.org/articles.asp?r=479\)](#)
- [Talking Calculators \(articles.asp?r=1076\)](#)

A talking calculator has a built-in speech synthesizer that reads aloud each number, symbol, or operation key a user presses; it also vocalizes the answer to the problem. This auditory feedback may help him check the accuracy of the keys he presses and verify the answer before he transfers it to paper.

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### Products to Consider:

- [Independent Living Aids \(http://www.independentliving.com/departments.asp?dept=190\)](http://www.independentliving.com/departments.asp?dept=190) (various talking calculators)
- [MaxiAids \(http://www.maxiaids.com/store/prodList.asp?idstore=0!!idcategory=71!!category=Talking\\_Calculators\)](http://www.maxiaids.com/store/prodList.asp?idstore=0!!idcategory=71!!category=Talking_Calculators) (various talking calculators)
- [AbleData \(http://www.abledata.com/abledata.cfm?pageid=19327!!top=13256&deep=2!!trail=22,13134\)](http://www.abledata.com/abledata.cfm?pageid=19327!!top=13256&deep=2!!trail=22,13134) (various talking calculators)

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The assistive technology products listed on SchwabLearning.org have been compiled by our staff, under the direction of Marshall Raskind, Ph.D., Director of Research and Special Projects (<http://www.schwablearning.org/about.asp?page=8.2&atype=2>). This does not represent a comprehensive list. The inclusion of any product is not intended as an endorsement. The information is provided to guide parents and educators in selecting products to meet children's specific needs.