

FOR YOUR INFORMATION

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Accessible Online Nemeth Tutorial Now Available!

The Nemeth Code of Mathematics makes reading and writing complex math expressions in braille feasible. Unfortunately, learning to read and write the Nemeth Code requires extra effort beyond the effort to learn to read and write the standard literary braille codes.

Gaylen Kapperman and Jodi Sticken of Research and Development Institute (RDI) addressed the challenge of learning the Nemeth Code when they and colleagues created the original computer-based tutorial in 1997. The tutorial provided the rules in a logical order and gave the student plenty of examples and exercises.

Now, APH and RDI, with a grant from the U.S. Department of Education National Institute on Disability Rehabilitation Research (NIDRR), have created a universally accessible version of the tutorial that runs on any device connected to the Internet. **The Nemeth code tutorial is currently available at no cost at the following address: <http://tech.aph.org/nemeth>.**

The tutorial looks great for sighted users and shows the braille in a font that does not require additional downloads—it just works! The tutorial supports six-key entry mode, so you may interact with the exercises with a typical QWERTY keyboard, simulating a braille keyboard layout.

For blind users, screen reader support with the latest ARIA-enriched content notifications provide interactive feedback for the exercises and a refreshable braille display correctly shows the Nemeth portions, no matter how the screen reader's translation tables are configured. This means that as a blind user, you can let the screen reader translate the explanatory portions in the kind of braille you prefer and still get accurate Nemeth representations.

Members of the development team included:

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