XYZ Homework is proud to announce our compliance with the Americans with Disabilities Act. Our homework system is designed with Section 508 standards in mind, utilizing MathJax and MathPlayer to make math accessible for all users.

Section 508 Technical Standards

Our online homework system provides users with disabilities with the following:

- Content and scripting languages used to display text that can be read by assistive technology
- Modes of operation and information retrieval provided for users who are blind or visually impaired
- A mode of operation and information retrieval provided for users who are deaf or hard of hearing
- A text equivalent for every non-text element
- Succinct text alternatives for functional or decorative graphics
- Web page content conveyed in color also available without color
- Readable documents without required associated style sheets
- Row and column headers identified for data tables
- Frames titled with text that facilitates frame identification and navigation
- Pages designed to avoid screen flicker
- No plug-ins or installations required
- Electronic forms accessible for completion and submission
- Alterable timed responses allowing user sufficient time to respond, when necessary
- Method permitting users to skip repetitive navigation links
- Captions accompanying select MathTV.com videos

Source: www.section508.gov

XYZ Homework Accessibility

MathJax is an open-source JavaScript display engine for LaTeX and MathML expressions, enabling users to enlarge or zoom in to read on-screen mathematical expressions.

A student may enable the MathJax function by right-clicking on the math, and then selecting Zoom Trigger to set his or her options.

The student also may zoom to a specific percentage by right-clicking on or hovering the mouse over the math that he or she needs to read.

Instructors may individually change time limits by setting the Time Limit Multiplier located via the Roster and clicking on the Change Info link associated with the student.

MathJax also works with MathPlayer to convert all text and math to spoken language, highlighting the words as it reads. Both systems work hand-in-hand with screen magnifiers and readers, including the JAWS screen reader, and other learning disability software to make on-screen math accessible for all students (Source: mathjax.org).