



## Overview:

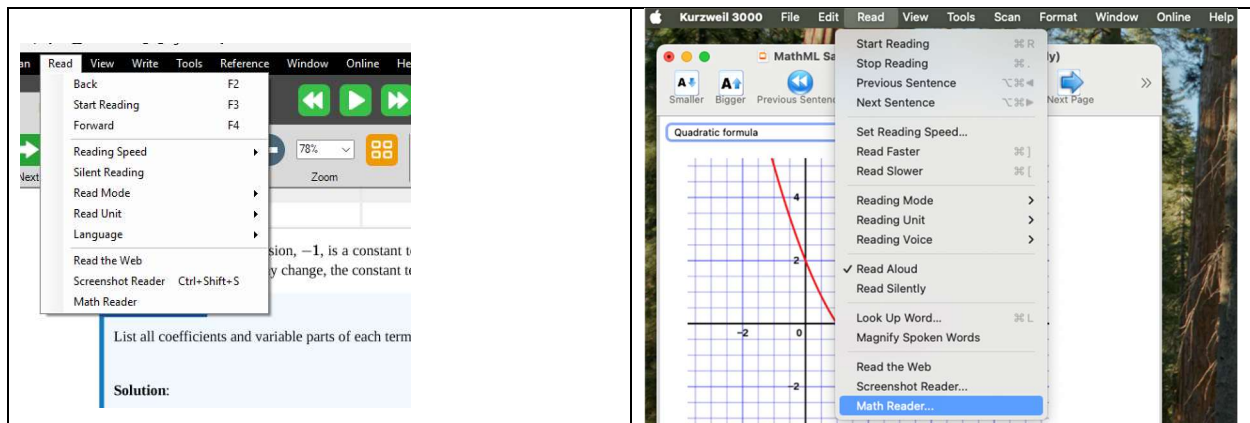
The Kurzweil 3000 Math Reader is designed to make math equations readable while dual-highlighting each component as it is spoken.

The Kurzweil 3000 Math Reader allows the user to select an area of a document containing a math formula using a lasso selector rectangle. The selected area will be converted into a format that can read and highlighted using a separate reader window.

## Operation:

With Kurzweil 3000 running, open a document containing a math formula. The source document can be a document opened in Kurzweil 3000 or an external document such as a PDF or a web page.

Under the 'Read' menu, select 'Math Reader'.



Once the crosshair cursor appears, use the mouse to select the source formula:

- Position cursor
- Click and hold the left mouse button and select area.
- Release mouse button to capture.

To cancel the selector, press the escape key.

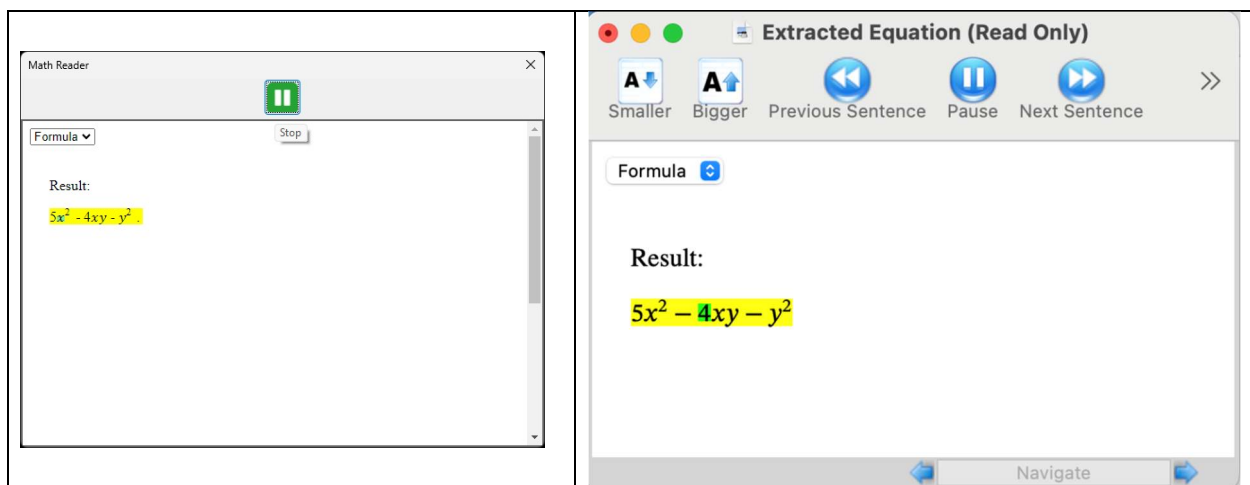
each term:

$$5x^2 - 4xy - y^2.$$

$-y^2$ , as  $-1y^2$ .

Table 2.1.2

Once the formula area is selected, the area image is obtained and sent to our math processing service. Once that process has completed (there may be a slight delay), the Math Reader window will activate and display the selected formula. Click the Read button to read and highlight the math.



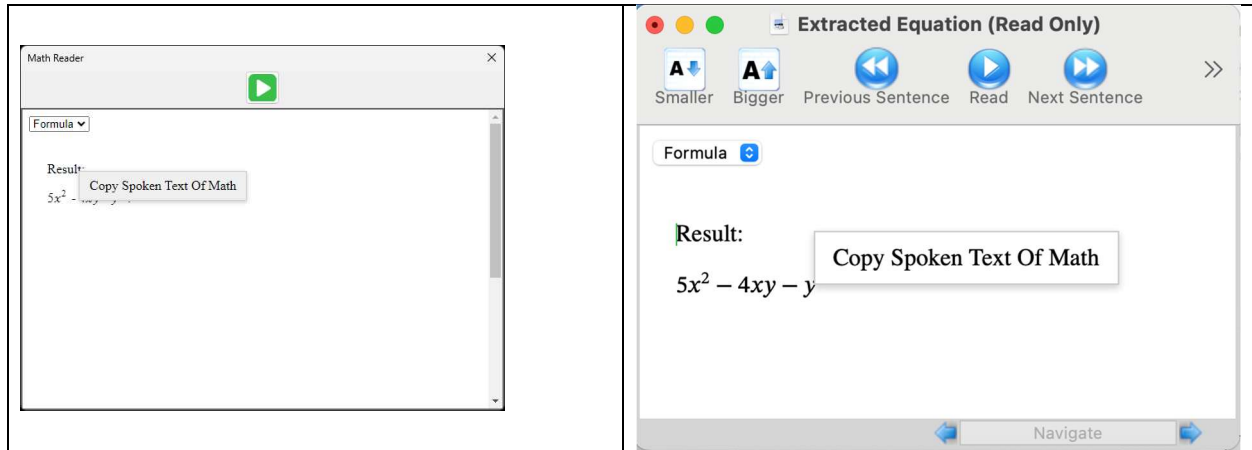
The Math Reader uses the current math, audio, and highlighting settings found in the Reading Preferences.

The Windows Math Reader dialog is modal and must be closed to return to Kurzweil 3000.

## Obtaining Readable Text From the Processed Math Formula:

There is a feature in the Math Reader control that allows the user to obtain readable text from the processed math equation for copy/pasting.

Right click in the Math Reader window to copy readable math for the current formula to the clipboard if desired:



“5 x squared minus 4 x y minus y squared”

This new math feature is available on Kurzweil 3000 Mac and Windows Web License Edition versions 22.18 and later.