Using script fonts in LaTeX

There are three "script-like" fonts available in most standard LaTeX distributions. Here's how to use them. Some of these require special macro packages to be used—to do this, you insert an appropriate `\usepackage` command just after your `\documentclass` command, and before `\begin{document}`.

1. **Standard LaTeX "calligraphic" font:** No special package needed.

   `$\mathcal{ABCDEFGHIJKLMNOPQRSTUVWXYZ}$`

   ABCDEFGHIJKLMNOPQRSTUVWXYZ

2. **Euler Script font:** Use the "euscript" package.

   ```
   \usepackage[mathscr]{euscript}
   ...
   $\mathscr{ABCDEFGHIJKLMNOPQRSTUVWXYZ}$
   ```

   ABCDEFGHIJKLMNOPQRSTUVWXYZ

3. **Ralph Smith's Formal Script Font (rsfs):** Use the "mathrsfs" package.

   ```
   \usepackage{mathrsfs}
   ...
   $\mathscr{ABCDEFGHIJKLMNOPQRSTUVWXYZ}$
   ```

   ABCDEFGHIJKLMNOPQRSTUVWXYZ