

## fancy math fonts

The following fonts are classically used for maths, but you may choose to use them for fancy writing in drop caps or signatures, for example (see the `drop-caps.tex` example). They must be used inside math mode.

`\mathcal` by default accesses the following Calligraphic font:

*ABCDEF GHI JKLM*  
*NOPQRST UVWXYZ*

The `eucal` package defines `\mathcal` (by default) or `\mathscr` (with the `mathscr` package option) to call the Euler Calligraphic font:

*ABCDEF GHI JKLM*  
*NOPQRST UVWXYZ*

The `amsfonts` package provides the following two fonts, which are especially useful for maths: (it is also loaded by the `amssymb` package)

AMS (Euler) Fraktur with `\mathfrak`:

*ABCDEF GHI JKLM*  
*NOPQRST UVWXYZ*

AMS Blackboard with `\mathbb`:

ABCDEF GHI JKLM  
NOPQRST UVWXYZ

The `mathrsfs` package defines `\mathscr` to call the Ralph Smith Formal Script font:

*ABCDEF GHI JKLM*  
*NOPQRST UVWXYZ*