Various glyphs accessed through OpenType tags in five different fonts:

Junicode
1234567890 1234567890 ¼ ½ ¾ ⅜ ⅝ 27/64 1⁄72.27 Caps & Small Caps (smcp) small caps (c2sc) ff ffi ffl fi fl Qu Th ct ſt ſpeciel ff ffi ffl fi fl $^{0123456789+-=()n}$ $_{0123456789+-=()}$ $H_2O$

EB Garamond
1234567890 1234567890 1234567890 1234567890 ¼ ½ ¾ ⅜ ⅝ 27⁄64 1⁄72.27 Caps & Small Caps (smcp) small caps (c2sc) ff ffi ffl fi fl Quo Th ct ſt ſpecies ſs ffa ffi ffl fi fl $^{0123456789+-=()n}$ $_{0123456789+-=()}$ $1^{st}$ $2^{nd}$ $3^{rd}$ $H_2O$ $H_2SO_4$

Sorts Mill Goudy
1234567890 1234567890 ¼ ½ ¾ ⅜ ⅝ 27/64 1⁄72.27 Caps & Small Caps (smcp) small caps (c2sc) ff ffi ffl fi fl Qu Th ct ſt ſpeciel ff ffi ffl fi fl $^{0123456789}+-=^{()}n$ $_{0123456789}+-=_{()}$ $H_2O$

IM FELL English
1234567890 small caps (smcp) ff ffi ffl fi fl Qu Th ct ſt ſpecies ß ffa ffi ffl fi fl

Cardo
1234567890 1234567890 small caps (smcp) ff ffi ffl fi fl Qu Th ct ſt ſpeciel ff ffi ffl fi fl

Not all the fonts have the same tags e.g. EB Garamond is the only font with four numeral variants and the ordn tag, Junicode and Cardo don't have the sinf tag. IM Fell and EB Garamond are clever enough to distinguish between initial and medial ſ and terminal s. Junicode and Cardo are the only two fonts in which all the glyphs survive being copied and pasted into a word processor.*

* In Word 2003 running on Windows 7 at least.

**Other methods of setting fractions**

(i) using TEX math mode
(ii) using the Eplain `\frac` macro
(iii) using the font's own pre-composed fraction glyphs
(iv) using the `numr` and `dnom` OpenType tags (if the font has these)
(v) using the OpenType `frac` tag as in the previous examples.

For the math mode and the Eplain methods you have to set your font as the font that TEX uses to make fractions, e.g.:

```
\font\1="Junicode" at 8pt
\scriptfont0=\1 \scriptfont1=\1
```

Junicode
(i) $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{27}{64}$ $\frac{1}{72.27}$
(ii) 1/4 1/2 3/4 3/8 5/8 27/64 1/72.27
(iii) ¼ ½ ¾ ⅓ ⅔ ⅕ ⅖ ⅗ ⅘ ⅙ ⅚ ⅛ ⅜ ⅝ ⅞ ⁄
(iv) —
(v) ¼ ½ ¾ ⅜ ⅝ 27/64 ⅟72.27

EB Garamond
(i) $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{27}{64}$ $\frac{1}{72.27}$
(ii) 1/4 1/2 3/4 3/8 5/8 27/64 1/72.27
(iii) ¼ ½ ¾
(iv) ¼ ½ ¾ ⅜ ⅝ 27⁄64 ⅟72.27
(v) ¼ ½ ¾ ⅜ ⅝ 27⁄64 ⅟72.27

Sorts Mill Goudy
(i) $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{27}{64}$ $\frac{1}{72.27}$
(ii) 1/4 1/2 3/4 3/8 5/8 27/64 1/72.27
(iii) ¼ ½ ¾
(iv) 1/4 1/2 3/4 3/8 5/8 27/64 1/72.27
(v) 1/4 1/2 3/4 3/8 5/8 27/64 1/72.27

IM Fell English
(i) $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{27}{64}$ $\frac{1}{72.27}$
(ii) 1/4 1/2 3/4 3/8 5/8 27/64 1/72.27
(iii) ¼ ½ ¾ ⅓ ⅔ ⅛ ⅜ ⅝ ⅞
(iv) -
(v) -

Cardo

(i) $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{27}{64}$ $\frac{1}{72{\cdot}27}$

(ii) $^{1}/_{4}$ $^{1}/_{2}$ $^{3}/_{4}$ $^{3}/_{8}$ $^{5}/_{8}$ $^{27}/_{64}$ $^{1}/_{72.27}$

(iii) ¼ ½ ¾

(iv) –

(v) –

TEX also uses `\scriptfont0` to set superscripts and subscripts: $H_2O$, $2^{16}$; and `\scriptfont1` to set ordinals: $1^{st}$, $2^{nd}$, $3^{rd}$.

For the full setup of an OpenType font to set mathematics with XƎTEX see the file `xetex-math-example.tex` in which Cambria Math is set up as math roman, italic, symbol and extension font.