Testing low-level TEX font manipulations.

Stock plain fonts:

– Font "font(cmr10; "font):XXX; hyphen=45.

– Font "fiverm(cmr5; select font cmr5):X$_x$X; hyphen=45.

– Font "tenrm(cmr10; select font cmr10):XXX; hyphen=45.

New 5pt fonts, new default `hyphenchar=99`. **All** shared; `scaled` mapped to `at`:

– Font "myrmfiveA(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=99.

– Font "myrmfiveB(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=99.

– Font "myrmfiveC(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=99.

Bump `hyphenchar=100` on myrmfiveA:

– Font "myrmfiveA(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=100.

– Font "myrmfiveB(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=100.

– Font "myrmfiveC(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=100.

Bump `hyphenchar=101` on myrmfiveA, *as if* grouped:

– Font "myrmfiveA(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=101.

– Font "myrmfiveB(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=101.

– Font "myrmfiveC(cmr10 at 5.0pt; select font cmr10 at 5.0pt):X$_x$X; hyphen=101.

While stock fonts should be unchanged

– Font "fiverm(cmr5; select font cmr5):X$_x$X; hyphen=45.

– Font "tenrm(cmr10; select font cmr10):XXX; hyphen=45.

"font is weird; it snapshots of the current font; but compare meanings:

– Font "font(cmr5; "font):XXX; hyphen=45.

– Font "fiverm(cmr5; select font cmr5):X$_x$X; hyphen=45.

– Font "textfont2(cmsy10; "textfont2):X$\mathcal{X}$X; hyphen=45.

Testing plain math fonts

"noop: abc123 and abc123

"rm: abc123 and abc123

"mit: abc123 and $abc123$

"cal: abc123 and $\dashv\lfloor\rfloor\infty\in\ni$

"it: $abc123$ and $abc123$

"sl: $abc123$ and $abc123$

"bf: **abc123** and **abc123**

"tt: abc123 and abc123