NAME
mag – computes TeX fontsizes and magsteps

SYNOPSIS
mag [-Rdpi] magstep . . .

mag [-r] [-Rdpi] fontsize . . .

DESCRIPTION
This tool calculates fontsizes given magsteps. TeX fonts are provided as true sized fonts or as magnifications. The fontsize of a true sized font equals the resolution of the printer (ex. 300). The fontsize of a font magnified $n$ magsteps equals: 1.2 sup{n} times 300 rounded to its nearest integer value. Fontnames for TeX fonts normally consists of the name (cmr), fontsize (10), type (pk) and fontsize (360), for example: cmr10.360pk.

EXAMPLES
The result of mag -R240 -2 0 0.5 1 will be:

167 240 263 288

The inverse function is computed with the -r option. The result of mag -r -R240 167 240 263 288 will be the fontsteps:

-2 0 0.5 1

The UNIX shells allow command substitution. One can write:

mag -r -R240 'mag -R240 -2 0 0.5 1'

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Maintained in TeX Live; please send bug reports or other correspondence to tex-k@tug.org (http://lists.tug.org/tex-k).