The \texttt{graphpap} package\footnote{This file has version number \texttt{v1.0c}, last revised 1994/08/09.}

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\begin{verbatim}
\graphpaper[(N)]((X,Y))((DX,DY))\ Makes a grid with left-hand corner at
((X,Y)), extending ((DX,DY)) units in the X and Y directions, where the lines
are N units apart. Every fifth line is thick and is numbered. The default value of
N is 10. The arguments must all be integers.

First, we define three counters. The first two are defined as raw TeX counters
since multiplication and division must be performed in them.

\newcount\@gridx\% now (@tempcnta)
\newcount\@gridy\% now (@tempcntb)
\newcounter{@grid}
\let\c@@grid\count@

Next we define the following commands to draw vertical and horizontal grids.
The “nonum” commands just draw the grids; the other commands also print
numbers. All the arguments must be integers.

\textbf{VERTICAL GRIDS}
\verb|\@vgrid|(⟨xpos,ypos⟩){⟨xincrement⟩}
{⟨number-of-lines⟩}{⟨length-of-lines⟩}
\verb|\@nonumvgrid|(⟨xpos,ypos⟩){⟨xincrement⟩}
{⟨number-of-lines⟩}{⟨length-of-lines⟩}

\textbf{HORIZONTAL GRIDS}
\verb|\@hgrid|(⟨xpos,ypos⟩){⟨yincrement⟩}
{⟨number-of-lines⟩}{⟨length-of-lines⟩}
\verb|\@nonumhgrid| same as \verb|\@hgrid| but no numbers drawn
\end{verbatim}
Finally, \texttt{graphpaper} is defined in a straightforward way in terms of the commands above.