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`\ifdim` $\langle dimen_1 \rangle$ $\langle relation \rangle$ $\langle dimen_2 \rangle$

This command tests if $\langle dimen_1 \rangle$ and $\langle dimen_2 \rangle$ satisfy $\langle relation \rangle$, which must be either '`<`', '`=`', or '`>`'. The dimensions can be constants such as `1in`, dimension registers such as `\dimen6`, or dimension parameters such as `\parindent`. Before performing the test, TEX expands tokens following the `\ifdim` until it obtains a sequence of tokens having the form $\langle dimen_1 \rangle$ $\langle relation \rangle$ $\langle dimen_2 \rangle$, followed by a token that can't be part of $\langle dimen_2 \rangle$.

Example:

```
\dimen0 = 1000pt \ifdim \dimen0 > 3in true\else false\fi
```

produces:

```
true
```