Frequently Asked Symbols

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Different styles of Greek letters

$\boldsymbol{\alpha \beta \gamma}$

```
%\usepackage{amsbsy}
$\boldsymbol{\alpha \beta \gamma}$
```

$\alpha\beta\gamma$

```
%\usepackage{txfonts}
$\alphaup \betaup \gammaup$
```

$\alpha\beta\gamma$

```
%\usepackage[Symbolsmallscale]{upgreek}
$\upalpha \upbeta \upgamma$
```

Calligraphic letters

$\mathscr{ABC}$

```
%\usepackage{mathrsfs}
$\mathscr{ABC}$
```

Roman numbers

xcvii

```
{\romannumeral 97}
```

XCVII

```
\uppercase\expandafter{\romannumeral 97}
```

Circled numbers

① ❶ ① ❶

```
%\usepackage{pifont}
\ding{172} \ding{182} \ding{192} \ding{202}
```

Units

36 μΩ

```
%\usepackage{textcomp}
$36$ \textmu\textohm
```

−20°C

```
%\usepackage{textcomp}
$-20$\textcelsius
```

60°

```
$60^{\circ}$
```

Accents

í	`\'{\i}`

Math symbols

$-10 \bmod 3 = 2$	`%\usepackage{amsmath}` `$-10 \bmod 3 = 2$`
$x \equiv 3 \pmod 5$	`%\usepackage{amsmath}` `$x \equiv 3 \pmod 5$`
$\parallel$	`$\parallel$`
$\times$	`$\times$`
$\notin$	`%\usepackage{amsmath}` `$\notin$`
$\nexists$	`%\usepackage{amsmath}` `$\nexists$`
$\cancel{S}$	`%\usepackage{cancel}` `$\cancel{S}$`
$\utilde{a}$	`%\usepackage{undertilde}` `$\utilde{a}$`
$\wideparen{AB}$	`%\usepackage{yhmath}` `$\wideparen{AB}$`

Upright Partial Derivative

$\dfrac{\uppartial y}{\uppartial x}$	`\DeclareSymbolFont{UPM}{U}{eur}{m}{n}`
	`\DeclareMathSymbol{\uppartial}{0}{UPM}{"40}`
	`$\dfrac{\uppartial y}{\uppartial x}$`

Arrows with texts

$\xrightarrow[\text{world}]{\text{hello}}$	`%\usepackage{amsmath}` `$\xrightarrow[\text{world}]{\text{hello}}$`
$\xleftrightarrow[\text{world}]{\text{hello}}$	`%\usepackage{empheq}` `$\xleftrightarrow[\text{world}]{\text{hello}}$`
$\xlongequal[\text{world}]{\text{hello}}$	`%\usepackage{extarrows}` `$\xlongequal[\text{world}]{\text{hello}}$`