

TABLE 307: Math Alphabets

Font sample	Generating command	Required package
ABCdef123	<code>\mathrm{ABCdef123}</code>	<i>none</i>
<i>ABCdef123</i>	<code>\mathrm{it}{ABCdef123}</code>	<i>none</i>
<i>ABCdef123</i>	<code>\mathrm{normal}{ABCdef123}</code>	<i>none</i>
<i>A<small>B</small>C</i>	<code>\mathrm{cal}{ABC}</code>	<i>none</i>
<i>A<small>B</small>C</i>	<code>\mathrm{scr}{ABC}</code>	<code>mathrsfs</code>
	<i>or</i> <code>\mathrm{cal}{ABC}</code>	<code>calrsfs</code>
<i>A<small>B</small>C</i>	<code>\mathrm{cal}{ABC}</code>	<code>euscript</code> with the <code>mathcal</code> option
	<i>or</i> <code>\mathrm{scr}{ABC}</code>	<code>euscript</code> with the <code>mathscr</code> option
<i>A<small>B</small>C</i>	<code>\mathrm{cal}{ABC}</code>	<code>rfsso</code>
	<i>or</i> <code>\mathrm{scr}{ABC}</code>	<code>rfsso</code> with the <code>scr</code> option
<i>A<small>B</small>C</i>	<code>\mathrm{cal}{ABC}</code>	<code>urwchancal</code> [*]
	<i>or</i> <code>\mathrm{scr}{ABC}</code>	<code>urwchancal</code> [*] with the <code>mathscr</code> option
ABC	<code>\mathrm{bb}{ABC}</code>	<code>amsfonts</code> , [§] <code>amssymb</code> , <code>txfonts</code> , or <code>pxfonts</code>
ABC	<code>\mathrm{varbb}{ABC}</code>	<code>txfonts</code> or <code>pxfonts</code>
ABCdef123	<code>\mathrm{bb}{ABCdef123}</code>	<code>bbold</code> or <code>mathbbol</code> [†]
ABCdef123	<code>\mathrm{bb}{ABCdef123}</code>	<code>mbboard</code> [†]
ABC <small>c</small> ef12	<code>\mathrm{bbm}{ABCdef12}</code>	<code>bbm</code>
ABC <small>c</small> ef12	<code>\mathrm{bbmss}{ABCdef12}</code>	<code>bbm</code>
ABCdef12	<code>\mathrm{bbmtt}{ABCdef12}</code>	<code>bbm</code>
ABC1	<code>\mathrm{ds}{ABC1}</code>	<code>dsfont</code>
A <small>B</small> C1	<code>\mathrm{ds}{ABC1}</code>	<code>dsfont</code> with the <code>sans</code> option
ABC	<code>\mathrm{symA}\mathrm{symB}\mathrm{symC}</code>	<code>china2e</code> [‡]
A <small>B</small> C <small>c</small> ef123	<code>\mathrm{frak}{ABCdef123}</code>	<code>eufrak</code>
A <small>B</small> C <small>c</small> ef123	<code>\mathrm{textfrak}{ABCdef123}</code>	<code>yfonts</code> [¶]
A <small>B</small> C <small>c</small> ef123	<code>\mathrm{textswab}{ABCdef123}</code>	<code>yfonts</code> [¶]
A <small>B</small> C <small>c</small> ef123	<code>\mathrm{textgoth}{ABCdef123}</code>	<code>yfonts</code> [¶]