

## Appendix B

### Cross References for Functions and Constants

*When the true Number of Days cannot be found at one View in this Table, then both them and their Decimals must be taken out of the Table at twice or thrice, as their Number requires, and added together.*

Thomas Dilworth: *The Schoolmaster's Assistant, Being a Compendium of Arithmetic both Practical and Theoretical* (1743)

In this appendix we list all dependencies among the calendar functions.

Function/constant	Used by
<b>aberration</b> (p. 223)	<b>solar-longitude</b> (p. 223)
<b>adar</b> (p. 115)	<b>adda-season-in-gregorian</b> (p. 133) <b>last-day-of-hebrew-month</b> (p. 122) <b>last-month-of-hebrew-year</b> (p. 115) <b>possible-hebrew-days</b> (p. 139) <b>samuel-season-in-gregorian</b> (p. 132) <b>yahrzeit</b> (p. 136)
<b>adarai</b> (p. 115)	<b>last-day-of-hebrew-month</b> (p. 122) <b>last-month-of-hebrew-year</b> (p. 115) <b>yahrzeit</b> (p. 136)
<b>akan-day-name</b> (p. 38)	<b>akan-name-from-fixed</b> (p. 38)
<b>akan-day-name-epoch</b> (p. 38)	<b>akan-name-from-fixed</b> (p. 38)
<b>akan-name-difference</b> (p. 38)	<b>akan-day-name-on-or-before</b> (p. 38)
<b>akan-name-from-fixed</b> (p. 38)	<b>akan-day-name-on-or-before</b> (p. 38)
<b>alt-hindu-sunrise</b> (p. 357)	<b>astro-hindu-lunar-from-fixed</b> (p. 361) <b>fixed-from-astro-hindu-lunar</b> (p. 362)
<b>apparent-from-local</b> (p. 217)	<b>apparent-from-universal</b> (p. 218)
<b>apparent-from-universal</b> (p. 218)	<b>astronomical-easter</b> (p. 292) <b>samaritan-new-moon-after</b> (p. 300) <b>samaritan-new-moon-at-or-before</b> (p. 300)

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Function/constant	Used by
<b>approx-moment-of-depression</b> (p. 240)	<b>moment-of-depression</b> (p. 241)
<b>april</b> (p. 59)	<b>babylonian-epoch</b> (p. 291) <b>easter</b> (p. 148) <b>icelandic-epoch</b> (p. 100) <b>korean-location</b> (p. 328) <b>orthodox-easter</b> (p. 146)
<b>arc-of-light</b> (p. 250)	<b>shaukat-criterion</b> (p. 250) <b>yallop-criterion</b> (p. 251)
<b>arc-of-vision</b> (p. 251)	<b>yallop-criterion</b> (p. 251)
<b>arithmetic-persian-year-from-fixed</b> (p. 263)	<b>arithmetic-persian-from-fixed</b> (p. 263)
<b>armenian-epoch</b> (p. 31)	<b>armenian-from-fixed</b> (p. 31) <b>fixed-from-armenian</b> (p. 31)
<b>arya-jovian-period</b> (p. 157)	<b>jovian-year</b> (p. 158)
<b>arya-lunar-day</b> (p. 160)	<b>fixed-from-old-hindu-lunar</b> (p. 165) <b>old-hindu-lunar-from-fixed</b> (p. 165)
<b>arya-lunar-month</b> (p. 160)	<b>arya-lunar-day</b> (p. 160) <b>fixed-from-old-hindu-lunar</b> (p. 166) <b>old-hindu-lunar-from-fixed</b> (p. 165) <b>old-hindu-lunar-leap-year?</b> (p. 163)
<b>arya-solar-month</b> (p. 158)	<b>fixed-from-old-hindu-lunar</b> (p. 166) <b>fixed-from-old-hindu-solar</b> (p. 158) <b>old-hindu-lunar-from-fixed</b> (p. 165) <b>old-hindu-lunar-leap-year?</b> (p. 163) <b>old-hindu-solar-from-fixed</b> (p. 159)
<b>arya-solar-year</b> (p. 157)	<b>arya-solar-month</b> (p. 158) <b>fixed-from-old-hindu-solar</b> (p. 158) <b>old-hindu-lunar-from-fixed</b> (p. 165) <b>old-hindu-lunar-leap-year?</b> (p. 163) <b>old-hindu-solar-from-fixed</b> (p. 159)
<b>astro-bahai-new-year-on-or-before</b> (p. 274)	<b>astro-bahai-from-fixed</b> (p. 275) <b>fixed-from-astro-bahai</b> (p. 275) <b>naw-ruz</b> (p. 277)
<b>astro-hindu-calendar-year</b> (p. 360)	<b>astro-hindu-lunar-from-fixed</b> (p. 361) <b>astro-hindu-solar-from-fixed</b> (p. 360)
<b>astro-hindu-lunar-from-fixed</b> (p. 361)	<b>fixed-from-astro-hindu-lunar</b> (p. 362)
<b>astro-hindu-sunset</b> (p. 360)	<b>astro-hindu-solar-from-fixed</b> (p. 360) <b>fixed-from-astro-hindu-solar</b> (p. 360)
<b>astro-lunar-day-from-moment</b> (p. 361)	<b>astro-hindu-lunar-from-fixed</b> (p. 361) <b>fixed-from-astro-hindu-lunar</b> (p. 362)

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Function/constant	Used by
<b>august</b> (p. 59)	<b>aztec-correlation</b> (p. 177) <b>coptic-epoch</b> (p. 90) <b>ethiopic-epoch</b> (p. 92) <b>korean-location</b> (p. 328)
<b>autumn</b> (p. 83)	<b>french-new-year-on-or-before</b> (p. 283)
<b>av</b> (p. 114)	<b>tishah-be-av</b> (p. 130)
<b>ayyam-i-ha</b> (p. 271)	<b>astro-bahai-from-fixed</b> (p. 276) <b>bahai-from-fixed</b> (p. 272) <b>fixed-from-astro-bahai</b> (p. 275) <b>fixed-from-bahai</b> (p. 271)
<b>aztec-correlation</b> (p. 177)	<b>aztec-tonalpohualli-correlation</b> (p. 179) <b>aztec-xihuitl-correlation</b> (p. 178)
<b>aztec-tonalpohualli-correlation</b> (p. 179)	<b>aztec-tonalpohualli-from-fixed</b> (p. 180) <b>aztec-tonalpohualli-on-or-before</b> (p. 180) <b>aztec-xihuitl-tonalpohualli-on-or-before</b> (p. 181)
<b>aztec-tonalpohualli-from-fixed</b> (p. 179)	<b>aztec-xiuhmolpilli-from-fixed</b> (p. 180)
<b>aztec-tonalpohualli-ordinal</b> (p. 179)	<b>aztec-tonalpohualli-correlation</b> (p. 179) <b>aztec-tonalpohualli-on-or-before</b> (p. 180) <b>aztec-xihuitl-tonalpohualli-on-or-before</b> (p. 181)
<b>aztec-xihuitl-correlation</b> (p. 178)	<b>aztec-xihuitl-from-fixed</b> (p. 178) <b>aztec-xihuitl-on-or-before</b> (p. 179) <b>aztec-xihuitl-tonalpohualli-on-or-before</b> (p. 181)
<b>aztec-xihuitl-from-fixed</b> (p. 178)	<b>aztec-xiuhmolpilli-from-fixed</b> (p. 180)
<b>aztec-xihuitl-on-or-before</b> (p. 179)	<b>aztec-xiuhmolpilli-from-fixed</b> (p. 180)
<b>aztec-xihuitl-ordinal</b> (p. 178)	<b>aztec-xihuitl-correlation</b> (p. 178) <b>aztec-xihuitl-on-or-before</b> (p. 179) <b>aztec-xihuitl-tonalpohualli-on-or-before</b> (p. 181)
<b>babylon</b> (p. 290)	<b>babylonian-criterion</b> (p. 290)
<b>babylonian-criterion</b> (p. 290)	<b>babylonian-new-month-on-or-before</b> (p. 291)
<b>babylonian-epoch</b> (p. 291)	<b>babylonian-from-fixed</b> (p. 292) <b>fixed-from-babylonian</b> (p. 291)
<b>babylonian-new-month-on-or-before</b> (p. 290)	<b>babylonian-from-fixed</b> (p. 292)  <b>fixed-from-babylonian</b> (p. 291)
<b>bahai-epoch</b> (p. 271)	<b>astro-bahai-from-fixed</b> (p. 275) <b>bahai-from-fixed</b> (p. 272) <b>fixed-from-astro-bahai</b> (p. 275) <b>fixed-from-bahai</b> (p. 272)

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Function/constant	Used by
<b>bahai-location</b> (p. 274)	<b>bahai-sunset</b> (p. 274)
<b>bahai-sunset</b> (p. 274)	<b>astro-bahai-new-year-on-or-before</b> (p. 274) <b>birth-of-the-bab</b> (p. 278)
<b>bali-asatawara-from-fixed</b> (p. 188)	<b>bali-caturwara-from-fixed</b> (p. 189) <b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-caturwara-from-fixed</b> (p. 189)	<b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-dasawara-from-fixed</b> (p. 188)	<b>bali-dwiwara-from-fixed</b> (p. 188) <b>bali-luang-from-fixed</b> (p. 188) <b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-day-from-fixed</b> (p. 187)	<b>bali-asatawara-from-fixed</b> (p. 189) <b>bali-on-or-before</b> (p. 189) <b>bali-pancawara-from-fixed</b> (p. 187) <b>bali-sadwara-from-fixed</b> (p. 187) <b>bali-sangawara-from-fixed</b> (p. 188) <b>bali-saptawara-from-fixed</b> (p. 187) <b>bali-triwara-from-fixed</b> (p. 187) <b>bali-week-from-fixed</b> (p. 187) <b>kajeng-keliwon</b> (p. 190) <b>tumpek</b> (p. 190)
<b>bali-dwiwara-from-fixed</b> (p. 188)	<b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-epoch</b> (p. 187)	<b>bali-day-from-fixed</b> (p. 187)
<b>bali-luang-from-fixed</b> (p. 188)	<b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-pancawara-from-fixed</b> (p. 187)	<b>bali-dasawara-from-fixed</b> (p. 188) <b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-sadwara-from-fixed</b> (p. 187)	<b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-sangawara-from-fixed</b> (p. 188)	<b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-saptawara-from-fixed</b> (p. 187)	<b>bali-dasawara-from-fixed</b> (p. 188) <b>bali-pawukon-from-fixed</b> (p. 185)
<b>bali-triwara-from-fixed</b> (p. 187)	<b>bali-pawukon-from-fixed</b> (p. 185)
<b>blind</b> (p. 325)	<b>chinese-year-marriage-augury</b> (p. 325)
<b>bogus</b> (p. 47)	<b>alt-asr</b> (p. 249) <b>approx-moment-of-depression</b> (p. 240) <b>arctan-degrees</b> (p. 205) <b>asr</b> (p. 249) <b>aztec-xihuitl-tonalpohualli-on-or-before</b> (p. 181) <b>aztec-xiuhmolpilli-from-fixed</b> (p. 180) <b>bruin-best-view</b> (p. 251) <b>chinese-age</b> (p. 325) <b>dawn</b> (p. 241)

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Function/constant	Used by
	<b>daytime-temporal-hour</b> (p. 247)
	<b>dusk</b> (p. 242)
	<b>mayan-calendar-round-on-or-before</b> (p. 176)
	<b>mayan-year-bearer-from-fixed</b> (p. 176)
	<b>moment-of-depression</b> (p. 241)
	<b>moonlag</b> (p. 290)
	<b>moonrise</b> (p. 244)
	<b>moonset</b> (p. 245)
	<b>nighttime-temporal-hour</b> (p. 248)
	<b>nth-kday</b> (p. 69)
	<b>omer</b> (p. 129)
	<b>simple-best-view</b> (p. 250)
	<b>standard-from-sundial</b> (p. 248)
<b>bright</b> (p. 325)	<b>chinese-year-marriage-augury</b> (p. 325)
<b>bruin-best-view</b> (p. 251)	<b>yallop-criterion</b> (p. 251)
<b>chinese-day-name</b> (p. 320)	<b>chinese-day-name-on-or-before</b> (p. 320)
<b>chinese-day-name-epoch</b> (p. 320)	<b>chinese-day-name</b> (p. 320)
<b>chinese-epoch</b> (p. 316)	<b>chinese-from-fixed</b> (p. 317)
	<b>dragon-festival</b> (p. 324)
	<b>fixed-from-chinese</b> (p. 318)
<b>chinese-from-fixed</b> (p. 317)	<b>chinese-age</b> (p. 325)
	<b>fixed-from-chinese</b> (p. 318)
<b>chinese-location</b> (p. 306)	<b>chinese-new-moon-before</b> (p. 310)
	<b>chinese-new-moon-on-or-after</b> (p. 309)
	<b>chinese-solar-longitude-on-or-after</b> (p. 308)
	<b>current-major-solar-term</b> (p. 306)
	<b>current-minor-solar-term</b> (p. 308)
	<b>midnight-in-china</b> (p. 309)
<b>chinese-month-name-epoch</b> (p. 320)	<b>chinese-month-name</b> (p. 320)
<b>chinese-name-difference</b> (p. 319)	<b>chinese-day-name-on-or-before</b> (p. 320)
<b>chinese-new-moon-before</b> (p. 310)	<b>chinese-from-fixed</b> (p. 317)
	<b>chinese-new-year-in-sui</b> (p. 316)
	<b>chinese-prior-leap-month?</b> (p. 313)
<b>chinese-new-moon-on-or-after</b> (p. 309)	<b>chinese-from-fixed</b> (p. 317)
	<b>chinese-new-year-in-sui</b> (p. 316)
	<b>chinese-no-major-solar-term?</b> (p. 313)
	<b>fixed-from-chinese</b> (p. 318)
<b>chinese-new-year-in-sui</b> (p. 315)	<b>chinese-new-year-on-or-before</b> (p. 316)
<b>chinese-new-year-on-or-before</b> (p. 316)	<b>chinese-new-year</b> (p. 322)
	<b>fixed-from-chinese</b> (p. 318)

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Function/constant	Used by
<b>chinese-no-major-solar-term?</b> (p. 313)	<b>chinese-from-fixed</b> (p. 317) <b>chinese-new-year-in-sui</b> (p. 316) <b>chinese-prior-leap-month?</b> (p. 313)
<b>chinese-prior-leap-month?</b> (p. 313)	<b>chinese-from-fixed</b> (p. 317)
<b>chinese-sexagesimal-name</b> (p. 319)	<b>chinese-day-name</b> (p. 320) <b>chinese-month-name</b> (p. 320) <b>chinese-year-name</b> (p. 320)
<b>chinese-solar-longitude-on-or-after</b> (p. 308)	<b>major-solar-term-on-or-after</b> (p. 308) <b>minor-solar-term-on-or-after</b> (p. 308)
<b>chinese-winter-solstice-on-or-before</b> (p. 309)	<b>chinese-from-fixed</b> (p. 317) <b>chinese-new-year-in-sui</b> (p. 316)
<b>coptic-epoch</b> (p. 90)	<b>coptic-from-fixed</b> (p. 91) <b>ethiopic-from-fixed</b> (p. 92) <b>fixed-from-coptic</b> (p. 90) <b>fixed-from-ethiopic</b> (p. 92)
<b>coptic-from-fixed</b> (p. 91)	<b>birkath-ha-hama</b> (p. 131) <b>coptic-in-gregorian</b> (p. 93) <b>ethiopic-from-fixed</b> (p. 92)
<b>coptic-in-gregorian</b> (p. 92)	<b>birkath-ha-hama</b> (p. 132) <b>coptic-christmas</b> (p. 93) <b>sh-ela</b> (p. 131)
<b>current-major-solar-term?</b> (p. 306)	<b>chinese-no-major-solar-term?</b> (p. 313)
<b>current-minor-solar-term</b> (p. 308)	<b>chinese-year-marriage-augury</b> (p. 326)
<b>cycle-in-gregorian</b> (p. 83)	<b>adda-season-in-gregorian</b> (p. 133) <b>julian-season-in-gregorian</b> (p. 84) <b>samuel-season-in-gregorian</b> (p. 132)
<b>dawn</b> (p. 241)	<b>alt-hindu-sunrise</b> (p. 357) <b>sunrise</b> (p. 242)
<b>day-of-week-from-fixed</b> (p. 33)	<b>alt-birkath-ha-hama</b> (p. 132) <b>icelandic-from-fixed</b> (p. 101) <b>iso-long-year?</b> (p. 97) <b>kday-on-or-before</b> (p. 34) <b>ta-anit-esther</b> (p. 130) <b>tishah-be-av</b> (p. 130) <b>yom-ha-zikkaron</b> (p. 131)
<b>days-in-hebrew-year</b> (p. 123)	<b>long-marheshvan?</b> (p. 122) <b>short-kislev?</b> (p. 122)
<b>daytime-temporal-hour</b> (p. 247)	<b>standard-from-sundial</b> (p. 248)
<b>december</b> (p. 59)	<b>christmas</b> (p. 70)

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Function/constant	Used by
	<b>day-number</b> (p. 62) <b>days-remaining</b> (p. 63) <b>eastern-orthodox-christmas</b> (p. 85) <b>fixed-from-iso</b> (p. 96) <b>gregorian-year-end</b> (p. 60) <b>julian-epoch</b> (p. 76) <b>tibetan-epoch</b> (p. 376)
<b>declination</b> (p. 220)	<b>alt-asr</b> (p. 249) <b>asr</b> (p. 249) <b>lunar-altitude</b> (p. 238) <b>sine-offset</b> (p. 241) <b>solar-altitude</b> (p. 226)
<b>double-bright</b> (p. 325)	<b>chinese-year-marriage-augury</b> (p. 325)
<b>dusk</b> (p. 242)	<b>alt-asr</b> (p. 249) <b>asr</b> (p. 249) <b>astro-hindu-sunset</b> (p. 360) <b>jewish-dusk</b> (p. 243) <b>jewish-sabbath-ends</b> (p. 243) <b>local-zero-hour</b> (p. 246) <b>simple-best-view</b> (p. 250) <b>sunset</b> (p. 242)
<b>dynamical-from-universal</b> (p. 212)	<b>julian-centuries</b> (p. 212)
<b>early-month?</b> (p. 294)	<b>alt-fixed-from-observational-hebrew</b> (p. 299) <b>alt-fixed-from-observational-islamic</b> (p. 295) <b>alt-observational-hebrew-from-fixed</b> (p. 299) <b>alt-observational-islamic-from-fixed</b> (p. 295)
<b>easter</b> (p. 148)	<b>pentecost</b> (p. 152)
<b>egyptian-epoch</b> (p. 30)	<b>alt-fixed-from-egyptian</b> (p. 31) <b>armenian-from-fixed</b> (p. 31) <b>egyptian-from-fixed</b> (p. 31) <b>fixed-from-armenian</b> (p. 31) <b>fixed-from-egyptian</b> (p. 30)
<b>egyptian-from-fixed</b> (p. 31)	<b>armenian-from-fixed</b> (p. 31)
<b>elul</b> (p. 115)	<b>last-day-of-hebrew-month</b> (p. 122) <b>possible-hebrew-days</b> (p. 139)
<b>ephemeris-correction</b> (p. 210)	<b>dynamical-from-universal</b> (p. 212) <b>universal-from-dynamical</b> (p. 212)
<b>equation-of-time</b> (p. 215)	<b>apparent-from-local</b> (p. 217) <b>local-from-apparent</b> (p. 218)
<b>estimate-prior-solar-longitude</b> (p. 226)	<b>astro-bahai-new-year-on-or-before</b> (p. 274) <b>chinese-winter-solstice-on-or-before</b> (p. 309)

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Function/constant	Used by
	<b>french-new-year-on-or-before</b> (p. 283) <b>persian-new-year-on-or-before</b> (p. 259)
<b>ethiopic-epoch</b> (p. 92)	<b>ethiopic-from-fixed</b> (p. 92) <b>fixed-from-ethiopic</b> (p. 92)
<b>evening</b> (p. 241)	<b>dusk</b> (p. 242)
<b>february</b> (p. 59)	<b>chinese-epoch</b> (p. 316) <b>hindu-epoch</b> (p. 156) <b>roman-from-fixed</b> (p. 80)
<b>first-kday</b> (p. 69)	<b>daylight-saving-end</b> (p. 70) <b>election-day</b> (p. 70) <b>epiphany</b> (p. 71) <b>labor-day</b> (p. 69)
<b>first-quarter</b> (p. 236)	<b>babylonian-criterion</b> (p. 290) <b>saudi-criterion</b> (p. 296) <b>shaukat-criterion</b> (p. 250) <b>yallop-criterion</b> (p. 251)
<b>fixed-from-arithmetic-french</b> (p. 285)	<b>arithmetic-french-from-fixed</b> (p. 286)
<b>fixed-from-arithmetic-persian</b> (p. 262)	<b>arithmetic-persian-from-fixed</b> (p. 264) <b>arithmetic-persian-year-from-fixed</b> (p. 263)
<b>fixed-from-astro-bahai</b> (p. 275)	<b>astro-bahai-from-fixed</b> (p. 276)
<b>fixed-from-bahai</b> (p. 271)	<b>bahai-from-fixed</b> (p. 273)
<b>fixed-from-chinese</b> (p. 318)	<b>chinese-age</b> (p. 325) <b>chinese-year-marriage-augury</b> (p. 326) <b>dragon-festival</b> (p. 324)
<b>fixed-from-coptic</b> (p. 90)	<b>coptic-from-fixed</b> (p. 91) <b>coptic-in-gregorian</b> (p. 93) <b>fixed-from-ethiopic</b> (p. 92)
<b>fixed-from-egyptian</b> (p. 30)	<b>fixed-from-armenian</b> (p. 31)
<b>fixed-from-french</b> (p. 284)	<b>french-leap-year?</b> (p. 284)
<b>fixed-from-gregorian</b> (p. 60)	<b>advent</b> (p. 70) <b>alt-gregorian-from-fixed</b> (p. 66) <b>bahai-epoch</b> (p. 271) <b>bahai-from-fixed</b> (p. 272) <b>bahai-new-year</b> (p. 277) <b>chinese-epoch</b> (p. 316) <b>chinese-new-year</b> (p. 322) <b>christmas</b> (p. 70) <b>easter</b> (p. 148) <b>fixed-from-bahai</b> (p. 271) <b>french-epoch</b> (p. 283)

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Function/constant	Used by
	<b>gregorian-date-difference</b> (p. 62) <b>gregorian-from-fixed</b> (p. 62) <b>gregorian-new-year</b> (p. 60) <b>gregorian-year-end</b> (p. 60) <b>icelandic-epoch</b> (p. 100) <b>independence-day</b> (p. 69) <b>julian-epoch</b> (p. 76) <b>korean-location</b> (p. 328) <b>nth-kday</b> (p. 69) <b>qing-ming</b> (p. 324) <b>tibetan-epoch</b> (p. 376)
<b>fixed-from-hebrew</b> (p. 123)	<b>adda-season-in-gregorian</b> (p. 133) <b>alt-fixed-from-observational-hebrew</b> (p. 300) <b>fixed-from-observational-hebrew</b> (p. 298) <b>hebrew-birthday</b> (p. 135) <b>hebrew-from-fixed</b> (p. 123) <b>hebrew-in-gregorian</b> (p. 133) <b>passover</b> (p. 129) <b>possible-hebrew-days</b> (p. 139) <b>purim</b> (p. 129) <b>samuel-season-in-gregorian</b> (p. 132) <b>tishah-be-av</b> (p. 130) <b>yahrzeit</b> (p. 136) <b>yom-ha-zikkaron</b> (p. 131) <b>yom-kippur</b> (p. 128)
<b>fixed-from-hindu-lunar</b> (p. 350)	<b>fixed-from-hindu-fullmoon</b> (p. 356) <b>hindu-date-occur</b> (p. 367) <b>hindu-expunged?</b> (p. 356)
<b>fixed-from-icelandic</b> (p. 100)	<b>icelandic-month</b> (p. 101)
<b>fixed-from-islamic</b> (p. 107)	<b>islamic-from-fixed</b> (p. 108) <b>islamic-in-gregorian</b> (p. 109)
<b>fixed-from-iso</b> (p. 95)	<b>iso-from-fixed</b> (p. 96)
<b>fixed-from-jd</b> (p. 20)	<b>bali-epoch</b> (p. 187) <b>egyptian-epoch</b> (p. 30) <b>mayan-epoch</b> (p. 171)
<b>fixed-from-julian</b> (p. 76)	<b>aztec-correlation</b> (p. 177) <b>babylonian-epoch</b> (p. 291) <b>coptic-epoch</b> (p. 90) <b>ethiopic-epoch</b> (p. 92) <b>fixed-from-roman</b> (p. 80) <b>hebrew-epoch</b> (p. 119) <b>hindu-epoch</b> (p. 156) <b>islamic-epoch</b> (p. 106)

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Function/constant	Used by
	<b>julian-from-fixed</b> (p. 77) <b>julian-in-gregorian</b> (p. 85) <b>julian-season-in-gregorian</b> (p. 84) <b>orthodox-easter</b> (p. 146) <b>persian-epoch</b> (p. 258) <b>samaritan-epoch</b> (p. 301)
<b>fixed-from-moment</b> (p. 20)	<b>alt-birkath-ha-hama</b> (p. 132) <b>approx-moment-of-depression</b> (p. 240) <b>babylonian-new-month-on-or-before</b> (p. 290) <b>birth-of-the-bab</b> (p. 278) <b>fixed-from-molad</b> (p. 126) <b>hindu-standard-from-sundial</b> (p. 355) <b>hindu-tithi-occur</b> (p. 368) <b>italian-from-local</b> (p. 247) <b>list-of-fixed-from-moments</b> (p. 26) <b>local-from-italian</b> (p. 247) <b>local-zero-hour</b> (p. 247) <b>phasis-on-or-after</b> (p. 252) <b>phasis-on-or-before</b> (p. 252) <b>saudi-new-month-on-or-before</b> (p. 296) <b>standard-from-sundial</b> (p. 248)
<b>fixed-from-persian</b> (p. 260)	<b>nowruz</b> (p. 265) <b>persian-from-fixed</b> (p. 260)
<b>fixed-from-roman</b> (p. 80)	<b>roman-from-fixed</b> (p. 81)
<b>fixed-from-tibetan</b> (p. 378)	<b>losar</b> (p. 381) <b>tibetan-from-fixed</b> (p. 379) <b>tibetan-leap-day?</b> (p. 381) <b>tibetan-leap-month?</b> (p. 380)
<b>french-epoch</b> (p. 283)	<b>arithmetic-french-from-fixed</b> (p. 285) <b>fixed-from-arithmetic-french</b> (p. 285) <b>fixed-from-french</b> (p. 284) <b>french-from-fixed</b> (p. 284)
<b>french-new-year-on-or-before</b> (p. 283)	<b>fixed-from-french</b> (p. 284) <b>french-from-fixed</b> (p. 284)
<b>friday</b> (p. 33)	<b>possible-hebrew-days</b> (p. 139) <b>unlucky-fridays-in-range</b> (p. 71) <b>yom-ha-zikkaron</b> (p. 131)
<b>full</b> (p. 236)	<b>astronomical-easter</b> (p. 292)
<b>gregorian-date-difference</b> (p. 62)	<b>day-number</b> (p. 62) <b>days-remaining</b> (p. 63) <b>ephemeris-correction</b> (p. 210) <b>last-day-of-gregorian-month</b> (p. 63)

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Function/constant	Used by
<b>gregorian-epoch</b> (p. 58)	<b>alt-fixed-from-gregorian</b> (p. 65) <b>alt-gregorian-from-fixed</b> (p. 66) <b>alt-gregorian-year-from-fixed</b> (p. 67) <b>alt-orthodox-easter</b> (p. 147) <b>fixed-from-gregorian</b> (p. 60) <b>gregorian-year-from-fixed</b> (p. 61)
<b>gregorian-from-fixed</b> (p. 62)	<b>unlucky-fridays-in-range</b> (p. 71)
<b>gregorian-leap-year?</b> (p. 59)	<b>fixed-from-bahai</b> (p. 271) <b>fixed-from-gregorian</b> (p. 60) <b>gregorian-from-fixed</b> (p. 62)
<b>gregorian-new-year</b> (p. 60)	<b>coptic-in-gregorian</b> (p. 93) <b>gregorian-from-fixed</b> (p. 62) <b>gregorian-year-range</b> (p. 60) <b>hebrew-birthday-in-gregorian</b> (p. 135) <b>hebrew-in-gregorian</b> (p. 133) <b>hindu-lunar-event</b> (p. 368) <b>hindu-lunar-holiday</b> (p. 368) <b>hindu-lunar-new-year</b> (p. 366) <b>islamic-in-gregorian</b> (p. 108) <b>iso-long-year?</b> (p. 97) <b>j2000</b> (p. 212) <b>julian-in-gregorian</b> (p. 85) <b>mesha-samkranti</b> (p. 364) <b>naw-ruz</b> (p. 277) <b>season-in-gregorian</b> (p. 225) <b>vietnamese-location</b> (p. 329) <b>yahrzeit-in-gregorian</b> (p. 137)
<b>gregorian-year-end</b> (p. 60)	<b>iso-long-year?</b> (p. 97) <b>tibetan-new-year</b> (p. 381)
<b>gregorian-year-from-fixed</b> (p. 61)	<b>alt-fixed-from-observational-hebrew</b> (p. 300) <b>alt-gregorian-from-fixed</b> (p. 66) <b>alt-observational-hebrew-from-fixed</b> (p. 299) <b>bahai-from-fixed</b> (p. 272) <b>chinese-location</b> (p. 306) <b>dragon-festival</b> (p. 324) <b>ephemeris-correction</b> (p. 210) <b>fixed-from-bahai</b> (p. 272) <b>fixed-from-observational-hebrew</b> (p. 298) <b>gregorian-from-fixed</b> (p. 62) <b>iso-from-fixed</b> (p. 96) <b>japanese-location</b> (p. 326) <b>nowruz</b> (p. 265) <b>observational-hebrew-from-fixed</b> (p. 298) <b>omer</b> (p. 129)

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Function/constant	Used by
	<b>passover</b> (p. 129)
	<b>purim</b> (p. 129)
	<b>samaritan-new-year-on-or-before</b> (p. 301)
	<b>tishah-be-av</b> (p. 130)
	<b>yom-ha-zikkaron</b> (p. 131)
	<b>yom-kippur</b> (p. 128)
<b>gregorian-year-range</b> (p. 60)	<b>coptic-in-gregorian</b> (p. 92)
	<b>cycle-in-gregorian</b> (p. 83)
	<b>hebrew-birthday-in-gregorian</b> (p. 135)
	<b>hebrew-in-gregorian</b> (p. 133)
	<b>hindu-lunar-event</b> (p. 368)
	<b>hindu-lunar-holiday</b> (p. 367)
	<b>islamic-in-gregorian</b> (p. 108)
	<b>julian-in-gregorian</b> (p. 85)
	<b>kajeng-keliwon</b> (p. 190)
	<b>sacred-wednesdays</b> (p. 370)
	<b>tibetan-new-year</b> (p. 381)
	<b>tumpek</b> (p. 190)
	<b>unlucky-fridays</b> (p. 71)
	<b>yahrzeit-in-gregorian</b> (p. 137)
<b>hebrew-birthday</b> (p. 135)	<b>hebrew-birthday-in-gregorian</b> (p. 135)
<b>hebrew-calendar-elapsed-days</b> (p. 121)	<b>hebrew-new-year</b> (p. 122)
	<b>hebrew-year-length-correction</b> (p. 122)
<b>hebrew-epoch</b> (p. 119)	<b>hebrew-from-fixed</b> (p. 123)
	<b>hebrew-new-year</b> (p. 122)
	<b>molad</b> (p. 119)
	<b>passover</b> (p. 129)
	<b>purim</b> (p. 129)
	<b>tishah-be-av</b> (p. 130)
	<b>yom-ha-zikkaron</b> (p. 131)
	<b>yom-kippur</b> (p. 128)
<b>hebrew-from-fixed</b> (p. 123)	<b>alt-observational-hebrew-from-fixed</b> (p. 299)
	<b>hebrew-birthday-in-gregorian</b> (p. 135)
	<b>hebrew-in-gregorian</b> (p. 133)
	<b>observational-hebrew-from-fixed</b> (p. 298)
	<b>yahrzeit-in-gregorian</b> (p. 137)
<b>hebrew-in-gregorian</b> (p. 133)	<b>hanukkah</b> (p. 134)
<b>hebrew-leap-year?</b> (p. 115)	<b>last-day-of-hebrew-month</b> (p. 122)
	<b>last-month-of-hebrew-year</b> (p. 115)
	<b>yahrzeit</b> (p. 136)
<b>hebrew-location</b> (p. 297)	<b>alt-fixed-from-observational-hebrew</b> (p. 300)
	<b>alt-observational-hebrew-from-fixed</b> (p. 299)
	<b>fixed-from-observational-hebrew</b> (p. 298)

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Function/constant	Used by
	<b>observational-hebrew-first-of-nisan</b> (p. 297) <b>observational-hebrew-from-fixed</b> (p. 298)
<b>hebrew-new-year</b> (p. 122)	<b>days-in-hebrew-year</b> (p. 123) <b>fixed-from-hebrew</b> (p. 123) <b>hebrew-from-fixed</b> (p. 123)
<b>hebrew-year-length-correction</b> (p. 122)	<b>hebrew-new-year</b> (p. 122)
<b>hindu-anomalistic-month</b> (p. 345)	<b>hindu-lunar-longitude</b> (p. 346)
<b>hindu-anomalistic-year</b> (p. 344)	<b>hindu-daily-motion</b> (p. 353) <b>hindu-equation-of-time</b> (p. 354) <b>hindu-solar-longitude</b> (p. 345)
<b>hindu-arcsin</b> (p. 343)	<b>hindu-ascensional-difference</b> (p. 352) <b>hindu-true-position</b> (p. 345)
<b>hindu-ascensional-difference</b> (p. 352)	<b>hindu-sunrise</b> (p. 354) <b>hindu-sunset</b> (p. 355)
<b>hindu-calendar-year</b> (p. 347)	<b>hindu-lunar-from-fixed</b> (p. 349) <b>hindu-solar-from-fixed</b> (p. 348)
<b>hindu-creation</b> (p. 344)	<b>hindu-mean-position</b> (p. 344)
<b>hindu-daily-motion</b> (p. 353)	<b>hindu-equation-of-time</b> (p. 353) <b>hindu-solar-sidereal-difference</b> (p. 352)
<b>hindu-date-occur</b> (p. 367)	<b>hindu-lunar-holiday</b> (p. 368) <b>hindu-tithi-occur</b> (p. 368)
<b>hindu-day-count</b> (p. 156)	<b>jovian-year</b> (p. 158) <b>old-hindu-lunar-from-fixed</b> (p. 165) <b>old-hindu-solar-from-fixed</b> (p. 159)
<b>hindu-epoch</b> (p. 156)	<b>astro-hindu-calendar-year</b> (p. 360) <b>fixed-from-astro-hindu-lunar</b> (p. 361) <b>fixed-from-astro-hindu-solar</b> (p. 360) <b>fixed-from-hindu-lunar</b> (p. 350) <b>fixed-from-hindu-solar</b> (p. 348) <b>fixed-from-old-hindu-lunar</b> (p. 165) <b>fixed-from-old-hindu-solar</b> (p. 158) <b>hindu-calendar-year</b> (p. 347) <b>hindu-creation</b> (p. 344) <b>hindu-day-count</b> (p. 156) <b>hindu-tropical-longitude</b> (p. 352)
<b>hindu-equation-of-time</b> (p. 353)	<b>hindu-sunrise</b> (p. 354) <b>hindu-sunset</b> (p. 355)
<b>hindu-expunged?</b> (p. 356)	<b>fixed-from-hindu-fullmoon</b> (p. 356)
<b>hindu-location</b> (p. 351)	<b>alt-hindu-sunrise</b> (p. 357)

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Function/constant	Used by
	<b>astro-hindu-sunset</b> (p. 360) <b>hindu-sunrise</b> (p. 354) <b>hindu-sunset</b> (p. 355) <b>sidereal-start</b> (p. 359)
<b>hindu-lunar-day-at-or-after</b> (p. 365)	<b>hindu-lunar-new-year</b> (p. 366) <b>hindu-tithi-occur</b> (p. 368)
<b>hindu-lunar-day-from-moment</b> (p. 346)	<b>fixed-from-hindu-lunar</b> (p. 350) <b>hindu-lunar-from-fixed</b> (p. 349) <b>hindu-lunar-new-year</b> (p. 365)
<b>hindu-lunar-era</b> (p. 349)	<b>astro-hindu-lunar-from-fixed</b> (p. 361) <b>fixed-from-astro-hindu-lunar</b> (p. 361) <b>fixed-from-hindu-lunar</b> (p. 350) <b>hindu-lunar-from-fixed</b> (p. 349)
<b>hindu-lunar-event</b> (p. 368)	<b>rama</b> (p. 369) <b>shiva</b> (p. 369)
<b>hindu-lunar-from-fixed</b> (p. 349)	<b>fixed-from-hindu-lunar</b> (p. 350) <b>hindu-date-occur</b> (p. 367) <b>hindu-expunged?</b> (p. 356) <b>hindu-fullmoon-from-fixed</b> (p. 356) <b>hindu-lunar-event</b> (p. 368) <b>hindu-lunar-holiday</b> (p. 368) <b>sacred-wednesdays-in-range</b> (p. 371)
<b>hindu-lunar-holiday</b> (p. 367)	<b>diwali</b> (p. 368)
<b>hindu-lunar-longitude</b> (p. 346)	<b>hindu-lunar-phase</b> (p. 346) <b>hindu-lunar-station</b> (p. 369) <b>yoga</b> (p. 369)
<b>hindu-lunar-on-or-before?</b> (p. 367)	<b>hindu-date-occur</b> (p. 367)
<b>hindu-lunar-phase</b> (p. 346)	<b>hindu-lunar-day-at-or-after</b> (p. 365) <b>hindu-lunar-day-from-moment</b> (p. 346) <b>hindu-new-moon-before</b> (p. 346) <b>hindu-tithi-occur</b> (p. 368)
<b>hindu-mean-position</b> (p. 344)	<b>hindu-daily-motion</b> (p. 353) <b>hindu-equation-of-time</b> (p. 354) <b>hindu-true-position</b> (p. 345)
<b>hindu-new-moon-before</b> (p. 346)	<b>hindu-lunar-from-fixed</b> (p. 349)
<b>hindu-rising-sign</b> (p. 353)	<b>hindu-solar-sidereal-difference</b> (p. 352)
<b>hindu-sidereal-month</b> (p. 336)	<b>hindu-lunar-longitude</b> (p. 346)
<b>hindu-sidereal-year</b> (p. 336)	<b>fixed-from-astro-hindu-lunar</b> (p. 362) <b>fixed-from-hindu-lunar</b> (p. 350) <b>fixed-from-hindu-solar</b> (p. 348)

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Function/constant	Used by
	<b>hindu-calendar-year</b> (p. 347) <b>hindu-creation</b> (p. 344) <b>hindu-daily-motion</b> (p. 353) <b>hindu-equation-of-time</b> (p. 353) <b>hindu-solar-longitude</b> (p. 345) <b>hindu-solar-longitude-at-or-after</b> (p. 364)
<b>hindu-sine</b> (p. 342)	<b>hindu-ascensional-difference</b> (p. 352) <b>hindu-daily-motion</b> (p. 353) <b>hindu-equation-of-time</b> (p. 354) <b>hindu-true-position</b> (p. 345)
<b>hindu-sine-table</b> (p. 342)	<b>hindu-arcsin</b> (p. 344) <b>hindu-daily-motion</b> (p. 353) <b>hindu-sine</b> (p. 342)
<b>hindu-solar-era</b> (p. 347)	<b>astro-hindu-solar-from-fixed</b> (p. 360) <b>fixed-from-astro-hindu-solar</b> (p. 360) <b>fixed-from-hindu-solar</b> (p. 348) <b>hindu-solar-from-fixed</b> (p. 348)
<b>hindu-solar-longitude</b> (p. 345)	<b>fixed-from-hindu-lunar</b> (p. 350) <b>hindu-calendar-year</b> (p. 347) <b>hindu-lunar-phase</b> (p. 346) <b>hindu-solar-from-fixed</b> (p. 348) <b>hindu-solar-longitude-at-or-after</b> (p. 364) <b>hindu-tropical-longitude</b> (p. 352) <b>hindu-zodiac</b> (p. 345) <b>yoga</b> (p. 369)
<b>hindu-solar-longitude-at-or-after</b> (p. 364)	<b>hindu-lunar-new-year</b> (p. 366) <b>mesha-samkranti</b> (p. 364)
<b>hindu-solar-sidereal-difference</b> (p. 352)	<b>hindu-sunrise</b> (p. 354) <b>hindu-sunset</b> (p. 355)
<b>hindu-sunrise</b> (p. 354)	<b>fixed-from-hindu-lunar</b> (p. 350) <b>fixed-from-hindu-solar</b> (p. 348) <b>hindu-lunar-from-fixed</b> (p. 349) <b>hindu-lunar-new-year</b> (p. 366) <b>hindu-lunar-station</b> (p. 369) <b>hindu-solar-from-fixed</b> (p. 348) <b>hindu-standard-from-sundial</b> (p. 355)
<b>hindu-sunset</b> (p. 354)	<b>hindu-standard-from-sundial</b> (p. 355)
<b>hindu-synodic-month</b> (p. 336)	<b>hindu-lunar-day-at-or-after</b> (p. 365) <b>hindu-new-moon-before</b> (p. 346)
<b>hindu-tithi-occur</b> (p. 368)	<b>hindu-lunar-event</b> (p. 368)
<b>hindu-tropical-longitude</b> (p. 352)	<b>hindu-ascensional-difference</b> (p. 352)

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Function/constant	Used by
	<b>hindu-rising-sign</b> (p. 353)
<b>hindu-true-position</b> (p. 345)	<b>hindu-lunar-longitude</b> (p. 346) <b>hindu-solar-longitude</b> (p. 345)
<b>hindu-zodiac</b> (p. 345)	<b>fixed-from-hindu-solar</b> (p. 348) <b>hindu-lunar-from-fixed</b> (p. 349) <b>hindu-new-moon-before</b> (p. 346) <b>hindu-solar-from-fixed</b> (p. 348)
<b>icelandic-epoch</b> (p. 100)	<b>icelandic-from-fixed</b> (p. 101) <b>icelandic-summer</b> (p. 100)
<b>icelandic-summer</b> (p. 100)	<b>fixed-from-icelandic</b> (p. 101) <b>icelandic-from-fixed</b> (p. 101) <b>icelandic-leap-year?</b> (p. 101) <b>icelandic-month</b> (p. 102) <b>icelandic-winter</b> (p. 100)
<b>icelandic-winter</b> (p. 100)	<b>fixed-from-icelandic</b> (p. 101) <b>icelandic-from-fixed</b> (p. 101) <b>icelandic-month</b> (p. 102)
<b>ides</b> (p. 77)	<b>fixed-from-roman</b> (p. 80) <b>roman-from-fixed</b> (p. 80)
<b>ides-of-month</b> (p. 77)	<b>fixed-from-roman</b> (p. 80) <b>nones-of-month</b> (p. 78) <b>roman-from-fixed</b> (p. 80)
<b>islamic-epoch</b> (p. 106)	<b>alt-fixed-from-observational-islamic</b> (p. 295) <b>alt-observational-islamic-from-fixed</b> (p. 295) <b>fixed-from-islamic</b> (p. 107) <b>fixed-from-observational-islamic</b> (p. 293) <b>fixed-from-saudi-islamic</b> (p. 296) <b>islamic-from-fixed</b> (p. 108) <b>observational-islamic-from-fixed</b> (p. 294) <b>saudi-islamic-from-fixed</b> (p. 297)
<b>islamic-from-fixed</b> (p. 108)	<b>islamic-in-gregorian</b> (p. 109)
<b>islamic-in-gregorian</b> (p. 108)	<b>mawlid</b> (p. 109)
<b>islamic-location</b> (p. 293)	<b>alt-fixed-from-observational-islamic</b> (p. 295) <b>alt-observational-islamic-from-fixed</b> (p. 295) <b>fixed-from-observational-islamic</b> (p. 293) <b>observational-islamic-from-fixed</b> (p. 294)
<b>yyar</b> (p. 114)	<b>last-day-of-hebrew-month</b> (p. 122) <b>yom-ha-zikkaron</b> (p. 131)
<b>january</b> (p. 59)	<b>ephemeris-correction</b> (p. 210) <b>epiphany</b> (p. 71)

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Function/constant	Used by
	<b>gregorian-new-year</b> (p. 60)
	<b>julian-from-fixed</b> (p. 76)
	<b>korean-location</b> (p. 328)
<b>jd-epoch</b> (p. 18)	<b>jd-from-moment</b> (p. 18)
	<b>moment-from-jd</b> (p. 18)
<b>jd-from-moment</b> (p. 18)	<b>jd-from-fixed</b> (p. 20)
<b>jerusalem</b> (p. 204)	<b>astronomical-easter</b> (p. 292)
<b>julian-centuries</b> (p. 212)	<b>aberration</b> (p. 223)
	<b>equation-of-time</b> (p. 215)
	<b>lunar-distance</b> (p. 238)
	<b>lunar-latitude</b> (p. 236)
	<b>lunar-longitude</b> (p. 232)
	<b>lunar-node</b> (p. 234)
	<b>nutration</b> (p. 223)
	<b>obliquity</b> (p. 220)
	<b>precession</b> (p. 225)
	<b>solar-longitude</b> (p. 223)
<b>julian-epoch</b> (p. 76)	<b>fixed-from-julian</b> (p. 76)
	<b>julian-from-fixed</b> (p. 76)
<b>julian-from-fixed</b> (p. 76)	<b>julian-in-gregorian</b> (p. 85)
	<b>roman-from-fixed</b> (p. 80)
<b>julian-in-gregorian</b> (p. 85)	<b>eastern-orthodox-christmas</b> (p. 85)
	<b>samaritan-new-year-on-or-before</b> (p. 301)
<b>julian-leap-year?</b> (p. 75)	<b>fixed-from-julian</b> (p. 76)
	<b>fixed-from-roman</b> (p. 80)
	<b>julian-from-fixed</b> (p. 77)
	<b>roman-from-fixed</b> (p. 80)
<b>july</b> (p. 59)	<b>chinese-new-year</b> (p. 322)
	<b>ephemeris-correction</b> (p. 210)
	<b>ides-of-month</b> (p. 77)
	<b>independence-day</b> (p. 69)
	<b>islamic-epoch</b> (p. 106)
<b>kalends</b> (p. 77)	<b>fixed-from-roman</b> (p. 80)
	<b>roman-from-fixed</b> (p. 81)
<b>kday-after</b> (p. 34)	<b>alt-orthodox-easter</b> (p. 147)
	<b>astronomical-easter</b> (p. 292)
	<b>easter</b> (p. 148)
	<b>nth-kday</b> (p. 69)
	<b>orthodox-easter</b> (p. 146)
<b>kday-before</b> (p. 34)	<b>nth-kday</b> (p. 69)
	<b>yom-ha-zikkaron</b> (p. 131)

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Function/constant	Used by
<b>kday-nearest</b> (p. 34)	<b>advent</b> (p. 70)
<b>kday-on-or-after</b> (p. 34)	<b>icelandic-summer</b> (p. 100) <b>sacred-wednesdays-in-range</b> (p. 371) <b>unlucky-fridays-in-range</b> (p. 71)
<b>kday-on-or-before</b> (p. 34)	<b>kday-after</b> (p. 34) <b>kday-before</b> (p. 34) <b>kday-nearest</b> (p. 34) <b>kday-on-or-after</b> (p. 34)
<b>kislev</b> (p. 115)	<b>hanukkah</b> (p. 134) <b>last-day-of-hebrew-month</b> (p. 122) <b>possible-hebrew-days</b> (p. 139) <b>yahrzeit</b> (p. 136)
<b>last-day-of-hebrew-month</b> (p. 122)	<b>fixed-from-hebrew</b> (p. 123) <b>hebrew-from-fixed</b> (p. 123)
<b>last-kday</b> (p. 69)	<b>memorial-day</b> (p. 70)
<b>last-month-of-hebrew-year</b> (p. 115)	<b>fixed-from-hebrew</b> (p. 123) <b>hebrew-birthday</b> (p. 135) <b>purim</b> (p. 129) <b>yahrzeit</b> (p. 136)
<b>local-from-apparent</b> (p. 218)	<b>approx-moment-of-depression</b> (p. 240) <b>universal-from-apparent</b> (p. 218)
<b>local-from-standard</b> (p. 208)	<b>local-zero-hour</b> (p. 246)
<b>local-from-universal</b> (p. 208)	<b>apparent-from-universal</b> (p. 218) <b>local-from-standard</b> (p. 208)
<b>local-zero-hour</b> (p. 246)	<b>italian-from-local</b> (p. 247) <b>local-from-italian</b> (p. 247)
<b>long-marheshvan?</b> (p. 122)	<b>last-day-of-hebrew-month</b> (p. 122) <b>yahrzeit</b> (p. 136)
<b>losar</b> (p. 381)	<b>tibetan-new-year</b> (p. 381)
<b>lunar-altitude</b> (p. 237)	<b>arc-of-vision</b> (p. 251) <b>lunar-parallax</b> (p. 238) <b>lunar-semi-diameter</b> (p. 252) <b>shaukat-criterion</b> (p. 250) <b>topocentric-lunar-altitude</b> (p. 239)
<b>lunar-anomaly</b> (p. 234)	<b>lunar-distance</b> (p. 238) <b>lunar-latitude</b> (p. 236) <b>lunar-longitude</b> (p. 232)
<b>lunar-distance</b> (p. 238)	<b>lunar-diameter</b> (p. 252) <b>lunar-parallax</b> (p. 238)

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Function/constant	Used by
<b>lunar-elongation</b> (p. 234)	<b>lunar-distance</b> (p. 238) <b>lunar-latitude</b> (p. 236) <b>lunar-longitude</b> (p. 232)
<b>lunar-latitude</b> (p. 236)	<b>arc-of-light</b> (p. 250) <b>lunar-altitude</b> (p. 238)
<b>lunar-longitude</b> (p. 232)	<b>lunar-altitude</b> (p. 238) <b>lunar-phase</b> (p. 235) <b>sidereal-lunar-longitude</b> (p. 234)
<b>lunar-parallax</b> (p. 238)	<b>lunar-semi-diameter</b> (p. 252) <b>topocentric-lunar-altitude</b> (p. 239)
<b>lunar-phase</b> (p. 235)	<b>arc-of-light</b> (p. 250) <b>astro-lunar-day-from-moment</b> (p. 361) <b>babylonian-criterion</b> (p. 290) <b>lunar-phase-at-or-after</b> (p. 235) <b>lunar-phase-at-or-before</b> (p. 235) <b>moonrise</b> (p. 244) <b>moonset</b> (p. 245) <b>new-moon-at-or-after</b> (p. 232) <b>new-moon-before</b> (p. 231) <b>saudi-criterion</b> (p. 296) <b>shaukat-criterion</b> (p. 250) <b>yallop-criterion</b> (p. 251)
<b>lunar-phase-at-or-after</b> (p. 235)	<b>astronomical-easter</b> (p. 292)
<b>lunar-phase-at-or-before</b> (p. 235)	<b>babylonian-new-month-on-or-before</b> (p. 290) <b>phasis-on-or-after</b> (p. 252) <b>phasis-on-or-before</b> (p. 252) <b>saudi-new-month-on-or-before</b> (p. 296)
<b>lunar-semi-diameter</b> (p. 251)	<b>yallop-criterion</b> (p. 251)
<b>march</b> (p. 59)	<b>alt-gregorian-from-fixed</b> (p. 66) <b>bahai-epoch</b> (p. 271) <b>bahai-from-fixed</b> (p. 272) <b>bahai-new-year</b> (p. 277) <b>daylight-saving-start</b> (p. 70) <b>fixed-from-bahai</b> (p. 271) <b>fixed-from-roman</b> (p. 80) <b>gregorian-from-fixed</b> (p. 62) <b>ides-of-month</b> (p. 77) <b>julian-from-fixed</b> (p. 77) <b>julian-season-in-gregorian</b> (p. 84) <b>korean-location</b> (p. 328) <b>persian-epoch</b> (p. 258) <b>qing-ming</b> (p. 324)

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Function/constant	Used by
	<b>roman-from-fixed</b> (p. 80) <b>samaritan-epoch</b> (p. 301) <b>samaritan-new-year-on-or-before</b> (p. 301)
<b>marheshvan</b> (p. 115)	<b>last-day-of-hebrew-month</b> (p. 122) <b>possible-hebrew-days</b> (p. 139) <b>yahrzeit</b> (p. 136)
<b>may</b> (p. 59)	<b>ides-of-month</b> (p. 77) <b>memorial-day</b> (p. 70)
<b>mayan-epoch</b> (p. 171)	<b>fixed-from-mayan-long-count</b> (p. 171) <b>mayan-haab-epoch</b> (p. 173) <b>mayan-long-count-from-fixed</b> (p. 171) <b>mayan-tzolkin-epoch</b> (p. 175)
<b>mayan-haab-epoch</b> (p. 173)	<b>mayan-calendar-round-on-or-before</b> (p. 177) <b>mayan-haab-from-fixed</b> (p. 173) <b>mayan-haab-on-or-before</b> (p. 173)
<b>mayan-haab-from-fixed</b> (p. 173)	<b>mayan-year-bearer-from-fixed</b> (p. 176)
<b>mayan-haab-on-or-before</b> (p. 173)	<b>mayan-year-bearer-from-fixed</b> (p. 176)
<b>mayan-haab-ordinal</b> (p. 173)	<b>mayan-calendar-round-on-or-before</b> (p. 177) <b>mayan-haab-epoch</b> (p. 173) <b>mayan-haab-on-or-before</b> (p. 173)
<b>mayan-tzolkin-epoch</b> (p. 175)	<b>mayan-calendar-round-on-or-before</b> (p. 177) <b>mayan-tzolkin-from-fixed</b> (p. 175) <b>mayan-tzolkin-on-or-before</b> (p. 176)
<b>mayan-tzolkin-from-fixed</b> (p. 175)	<b>mayan-year-bearer-from-fixed</b> (p. 176)
<b>mayan-tzolkin-ordinal</b> (p. 175)	<b>mayan-calendar-round-on-or-before</b> (p. 177) <b>mayan-tzolkin-epoch</b> (p. 175) <b>mayan-tzolkin-on-or-before</b> (p. 176)
<b>mean-lunar-longitude</b> (p. 233)	<b>lunar-latitude</b> (p. 236) <b>lunar-longitude</b> (p. 232)
<b>mean-sidereal-year</b> (p. 221)	<b>astro-hindu-calendar-year</b> (p. 360) <b>fixed-from-astro-hindu-lunar</b> (p. 361) <b>fixed-from-astro-hindu-solar</b> (p. 360)
<b>mean-synodic-month</b> (p. 227)	<b>alt-fixed-from-observational-islamic</b> (p. 295) <b>alt-observational-islamic-from-fixed</b> (p. 295) <b>babylonian-from-fixed</b> (p. 292) <b>chinese-from-fixed</b> (p. 317) <b>chinese-new-year-in-sui</b> (p. 316) <b>fixed-from-babylonian</b> (p. 291) <b>fixed-from-observational-islamic</b> (p. 293) <b>fixed-from-saudi-islamic</b> (p. 296)

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Function/constant	Used by
	<b>lunar-phase</b> (p. 235) <b>lunar-phase-at-or-after</b> (p. 235) <b>lunar-phase-at-or-before</b> (p. 235) <b>new-moon-at-or-after</b> (p. 232) <b>new-moon-before</b> (p. 231) <b>nth-new-moon</b> (p. 229) <b>observational-islamic-from-fixed</b> (p. 294) <b>saudi-islamic-from-fixed</b> (p. 297)
<b>mean-tropical-year</b> (p. 221)	<b>astro-bahai-from-fixed</b> (p. 275) <b>chinese-from-fixed</b> (p. 317) <b>estimate-prior-solar-longitude</b> (p. 226) <b>fixed-from-astro-bahai</b> (p. 275) <b>fixed-from-chinese</b> (p. 318) <b>fixed-from-french</b> (p. 284) <b>fixed-from-persian</b> (p. 260) <b>french-from-fixed</b> (p. 284) <b>persian-from-fixed</b> (p. 260) <b>solar-longitude-after</b> (p. 224)
<b>mecca</b> (p. 204)	<b>saudi-criterion</b> (p. 296)
<b>mesha-samkranti</b> (p. 364)	<b>sidereal-start</b> (p. 359)
<b>midday</b> (p. 218)	<b>alt-asr</b> (p. 249) <b>asr</b> (p. 249) <b>midday-in-tehran</b> (p. 259) <b>samaritan-noon</b> (p. 300)
<b>midday-in-tehran</b> (p. 259)	<b>persian-new-year-on-or-before</b> (p. 259)
<b>midnight</b> (p. 218)	<b>midnight-in-paris</b> (p. 283)
<b>midnight-in-china</b> (p. 309)	<b>chinese-new-moon-before</b> (p. 310) <b>chinese-new-moon-on-or-after</b> (p. 309) <b>chinese-winter-solstice-on-or-before</b> (p. 309) <b>major-solar-term-on-or-after</b> (p. 308) <b>minor-solar-term-on-or-after</b> (p. 309)
<b>midnight-in-paris</b> (p. 283)	<b>french-new-year-on-or-before</b> (p. 283)
<b>minor-solar-term-on-or-after</b> (p. 308)	<b>qing-ming</b> (p. 324)
<b>mjd-epoch</b> (p. 19)	<b>fixed-from-mjd</b> (p. 19) <b>mjd-from-fixed</b> (p. 19)
<b>molad</b> (p. 119)	<b>fixed-from-molad</b> (p. 126)
<b>moment-from-jd</b> (p. 18)	<b>fixed-from-jd</b> (p. 20)
<b>moment-of-depression</b> (p. 241)	<b>dawn</b> (p. 241) <b>dusk</b> (p. 242)
<b>monday</b> (p. 33)	<b>labor-day</b> (p. 69)

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Function/constant	Used by
	<b>memorial-day</b> (p. 70)
	<b>possible-hebrew-days</b> (p. 139)
<b>month-length</b> (p. 294)	<b>alt-observational-hebrew-from-fixed</b> (p. 299)
	<b>alt-observational-islamic-from-fixed</b> (p. 295)
	<b>early-month?</b> (p. 295)
<b>moon-node</b> (p. 234)	<b>lunar-distance</b> (p. 238)
	<b>lunar-latitude</b> (p. 236)
	<b>lunar-longitude</b> (p. 232)
	<b>lunar-node</b> (p. 234)
<b>moonlag</b> (p. 290)	<b>babylonian-criterion</b> (p. 290)
	<b>saudi-criterion</b> (p. 296)
<b>moonset</b> (p. 245)	<b>bruin-best-view</b> (p. 251)
	<b>moonlag</b> (p. 290)
<b>morning</b> (p. 241)	<b>dawn</b> (p. 241)
<b>naw-ruz</b> (p. 277)	<b>birth-of-the-bab</b> (p. 278)
	<b>feast-of-ridvan</b> (p. 277)
<b>new</b> (p. 236)	<b>babylonian-criterion</b> (p. 290)
	<b>babylonian-new-month-on-or-before</b> (p. 290)
	<b>phasis-on-or-after</b> (p. 252)
	<b>phasis-on-or-before</b> (p. 252)
	<b>saudi-criterion</b> (p. 296)
	<b>saudi-new-month-on-or-before</b> (p. 296)
	<b>shaukat-criterion</b> (p. 250)
	<b>yallop-criterion</b> (p. 251)
<b>new-moon-at-or-after</b> (p. 231)	<b>astro-hindu-lunar-from-fixed</b> (p. 361)
	<b>birth-of-the-bab</b> (p. 278)
	<b>chinese-new-moon-on-or-after</b> (p. 309)
	<b>samaritan-new-moon-after</b> (p. 300)
<b>new-moon-before</b> (p. 230)	<b>astro-hindu-lunar-from-fixed</b> (p. 361)
	<b>babylonian-criterion</b> (p. 290)
	<b>chinese-new-moon-before</b> (p. 310)
	<b>samaritan-new-moon-at-or-before</b> (p. 300)
<b>nighttime-temporal-hour</b> (p. 248)	<b>standard-from-sundial</b> (p. 248)
<b>nisan</b> (p. 114)	<b>alt-fixed-from-observational-hebrew</b> (p. 300)
	<b>fixed-from-hebrew</b> (p. 123)
	<b>fixed-from-observational-hebrew</b> (p. 298)
	<b>hebrew-from-fixed</b> (p. 123)
	<b>passover</b> (p. 129)
	<b>possible-hebrew-days</b> (p. 139)
<b>nones</b> (p. 77)	<b>fixed-from-roman</b> (p. 80)
	<b>roman-from-fixed</b> (p. 80)

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Function/constant	Used by
<b>nones-of-month</b> (p. 78)	<b>fixed-from-roman</b> (p. 80) <b>roman-from-fixed</b> (p. 80)
<b>november</b> (p. 59)	<b>advent</b> (p. 70) <b>daylight-saving-end</b> (p. 70) <b>election-day</b> (p. 70)
<b>nth-kday</b> (p. 69)	<b>daylight-saving-start</b> (p. 70) <b>first-kday</b> (p. 69) <b>fixed-from-iso</b> (p. 96) <b>last-kday</b> (p. 69)
<b>nth-new-moon</b> (p. 229)	<b>lunar-phase</b> (p. 235) <b>new-moon-at-or-after</b> (p. 232) <b>new-moon-before</b> (p. 231)
<b>nutatation</b> (p. 223)	<b>lunar-longitude</b> (p. 232) <b>solar-longitude</b> (p. 223)
<b>obliquity</b> (p. 220)	<b>declination</b> (p. 220) <b>equation-of-time</b> (p. 216) <b>right-ascension</b> (p. 220)
<b>observational-hebrew-first-of-nisan</b> (p. 297)	<b>alt-fixed-from-observational-hebrew</b> (p. 300) <b>alt-observational-hebrew-from-fixed</b> (p. 299) <b>classical-passover-eve</b> (p. 298) <b>fixed-from-observational-hebrew</b> (p. 298) <b>observational-hebrew-from-fixed</b> (p. 298)
<b>observed-lunar-altitude</b> (p. 243)	<b>moonrise</b> (p. 244) <b>moonset</b> (p. 245)
<b>october</b> (p. 59)	<b>hebrew-epoch</b> (p. 119) <b>ides-of-month</b> (p. 77)
<b>olympiad-start</b> (p. 82)	<b>julian-year-from-olympiad</b> (p. 82) <b>olympiad-from-julian-year</b> (p. 82)
<b>padua</b> (p. 246)	<b>local-zero-hour</b> (p. 246)
<b>paris</b> (p. 283)	<b>midnight-in-paris</b> (p. 283)
<b>passover</b> (p. 129)	<b>omer</b> (p. 129)
<b>persian-epoch</b> (p. 258)	<b>fixed-from-arithmetic-persian</b> (p. 262) <b>fixed-from-persian</b> (p. 260) <b>nowruz</b> (p. 265) <b>persian-from-fixed</b> (p. 260)
<b>persian-new-year-on-or-before</b> (p. 259)	<b>fixed-from-persian</b> (p. 260) <b>persian-from-fixed</b> (p. 260)
<b>phasis-on-or-after</b> (p. 252)	<b>month-length</b> (p. 294) <b>observational-hebrew-first-of-nisan</b> (p. 297)

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Function/constant	Used by
<b>phasis-on-or-before</b> (p. 252)	<b>alt-fixed-from-observational-hebrew</b> (p. 300) <b>alt-fixed-from-observational-islamic</b> (p. 295) <b>alt-observational-hebrew-from-fixed</b> (p. 299) <b>alt-observational-islamic-from-fixed</b> (p. 295) <b>early-month?</b> (p. 295) <b>fixed-from-observational-hebrew</b> (p. 298) <b>fixed-from-observational-islamic</b> (p. 293) <b>month-length</b> (p. 294) <b>observational-hebrew-from-fixed</b> (p. 298) <b>observational-islamic-from-fixed</b> (p. 294)
<b>positions-in-range</b> (p. 27)	<b>cycle-in-gregorian</b> (p. 83) <b>kajeng-keliwon</b> (p. 190) <b>tumpek</b> (p. 190)
<b>precession</b> (p. 225)	<b>sidereal-lunar-longitude</b> (p. 234) <b>sidereal-solar-longitude</b> (p. 225) <b>sidereal-start</b> (p. 359)
<b>purim</b> (p. 129)	<b>ta-anit-esther</b> (p. 130)
<b>refraction</b> (p. 242)	<b>observed-lunar-altitude</b> (p. 243) <b>sunrise</b> (p. 242) <b>sunset</b> (p. 243)
<b>right-ascension</b> (p. 220)	<b>lunar-altitude</b> (p. 238) <b>solar-altitude</b> (p. 226)
<b>sacred-wednesdays-in-range</b> (p. 371)	<b>sacred-wednesdays</b> (p. 370)
<b>samaritan-epoch</b> (p. 301)	<b>fixed-from-samaritan</b> (p. 301) <b>samaritan-from-fixed</b> (p. 302)
<b>samaritan-location</b> (p. 300)	<b>samaritan-new-moon-after</b> (p. 300) <b>samaritan-new-moon-at-or-before</b> (p. 300) <b>samaritan-noon</b> (p. 300)
<b>samaritan-new-moon-after</b> (p. 300)	<b>samaritan-new-year-on-or-before</b> (p. 301)
<b>samaritan-new-moon-at-or-before</b> (p. 300)	<b>fixed-from-samaritan</b> (p. 301) <b>samaritan-from-fixed</b> (p. 302)
<b>samaritan-new-year-on-or-before</b> (p. 301)	<b>fixed-from-samaritan</b> (p. 301) <b>samaritan-from-fixed</b> (p. 302)
<b>samaritan-noon</b> (p. 300)	<b>samaritan-from-fixed</b> (p. 302) <b>samaritan-new-year-on-or-before</b> (p. 301)
<b>samuel-season-in-gregorian</b> (p. 132)	<b>alt-birkath-ha-hama</b> (p. 132)
<b>saturday</b> (p. 33)	<b>fixed-from-icelandic</b> (p. 101) <b>possible-hebrew-days</b> (p. 139) <b>tishah-be-av</b> (p. 130)

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Function/constant	Used by
<b>saudi-criterion</b> (p. 296)	<b>saudi-new-month-on-or-before</b> (p. 296)
<b>saudi-new-month-on-or-before</b> (p. 296)	<b>fixed-from-saudi-islamic</b> (p. 296) <b>saudi-islamic-from-fixed</b> (p. 297)
<b>season-in-gregorian</b> (p. 224)	<b>astronomical-easter</b> (p. 292) <b>observational-hebrew-first-of-nisan</b> (p. 297)
<b>september</b> (p. 59)	<b>french-epoch</b> (p. 283) <b>labor-day</b> (p. 69)
<b>shaukat-criterion</b> (p. 250)	<b>visible-crescent</b> (p. 252)
<b>shevat</b> (p. 115)	<b>possible-hebrew-days</b> (p. 139) <b>yahrzeit</b> (p. 136)
<b>shift-days</b> (p. 138)	<b>possible-hebrew-days</b> (p. 139)
<b>short-kislev?</b> (p. 122)	<b>last-day-of-hebrew-month</b> (p. 122) <b>yahrzeit</b> (p. 136)
<b>sidereal-from-moment</b> (p. 219)	<b>lunar-altitude</b> (p. 238) <b>solar-altitude</b> (p. 226)
<b>sidereal-solar-longitude</b> (p. 225)	<b>astro-hindu-calendar-year</b> (p. 360) <b>astro-hindu-solar-from-fixed</b> (p. 360) <b>ayanamsha</b> (p. 359) <b>fixed-from-astro-hindu-lunar</b> (p. 362) <b>sidereal-zodiac</b> (p. 360)
<b>sidereal-start</b> (p. 359)	<b>sidereal-lunar-longitude</b> (p. 234) <b>sidereal-solar-longitude</b> (p. 225)
<b>sidereal-zodiac</b> (p. 360)	<b>astro-hindu-lunar-from-fixed</b> (p. 361) <b>astro-hindu-solar-from-fixed</b> (p. 360) <b>fixed-from-astro-hindu-solar</b> (p. 360)
<b>simple-best-view</b> (p. 250)	<b>shaukat-criterion</b> (p. 250)
<b>sine-offset</b> (p. 241)	<b>approx-moment-of-depression</b> (p. 240)
<b>solar-altitude</b> (p. 226)	<b>arc-of-vision</b> (p. 251)
<b>solar-anomaly</b> (p. 234)	<b>lunar-distance</b> (p. 238) <b>lunar-latitude</b> (p. 236) <b>lunar-longitude</b> (p. 232)
<b>solar-longitude</b> (p. 223)	<b>alt-asr</b> (p. 249) <b>asr</b> (p. 249) <b>astro-bahai-new-year-on-or-before</b> (p. 274) <b>ayanamsha</b> (p. 359) <b>chinese-winter-solstice-on-or-before</b> (p. 309) <b>current-major-solar-term</b> (p. 306) <b>current-minor-solar-term</b> (p. 308)

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Function/constant	Used by
	<b>estimate-prior-solar-longitude</b> (p. 226) <b>french-new-year-on-or-before</b> (p. 283) <b>lunar-phase</b> (p. 235) <b>major-solar-term-on-or-after</b> (p. 308) <b>minor-solar-term-on-or-after</b> (p. 309) <b>persian-new-year-on-or-before</b> (p. 259) <b>sidereal-solar-longitude</b> (p. 225) <b>sine-offset</b> (p. 241) <b>solar-altitude</b> (p. 226) <b>solar-longitude-after</b> (p. 224)
<b>solar-longitude-after</b> (p. 224)	<b>chinese-solar-longitude-on-or-after</b> (p. 308) <b>season-in-gregorian</b> (p. 224)
<b>spring</b> (p. 83)	<b>alt-birkath-ha-hama</b> (p. 132) <b>astro-bahai-new-year-on-or-before</b> (p. 274) <b>astronomical-easter</b> (p. 292) <b>observational-hebrew-first-of-nisan</b> (p. 297) <b>persian-new-year-on-or-before</b> (p. 259)
<b>standard-from-local</b> (p. 208)	<b>dawn</b> (p. 241) <b>dusk</b> (p. 242)
<b>standard-from-sundial</b> (p. 248)	<b>hindu-tithi-occur</b> (p. 368) <b>jewish-morning-end</b> (p. 248)
<b>standard-from-universal</b> (p. 208)	<b>chinese-new-moon-before</b> (p. 310) <b>chinese-new-moon-on-or-after</b> (p. 309) <b>chinese-solar-longitude-on-or-after</b> (p. 308) <b>moonrise</b> (p. 244) <b>moonset</b> (p. 245) <b>standard-from-local</b> (p. 208)
<b>summer</b> (p. 83)	<b>fixed-from-icelandic</b> (p. 101) <b>icelandic-from-fixed</b> (p. 101)
<b>sunday</b> (p. 33)	<b>advent</b> (p. 70) <b>alt-orthodox-easter</b> (p. 147) <b>astronomical-easter</b> (p. 292) <b>day-of-week-from-fixed</b> (p. 33) <b>daylight-saving-end</b> (p. 70) <b>daylight-saving-start</b> (p. 70) <b>easter</b> (p. 148) <b>epiphany</b> (p. 71) <b>fixed-from-iso</b> (p. 96) <b>orthodox-easter</b> (p. 146) <b>possible-hebrew-days</b> (p. 139) <b>ta-anit-esther</b> (p. 130) <b>yom-ha-zikkaron</b> (p. 131)
<b>sunrise</b> (p. 242)	<b>daytime-temporal-hour</b> (p. 247)

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Function/constant	Used by
	<b>nighttime-temporal-hour</b> (p. 248) <b>standard-from-sundial</b> (p. 248)
<b>sunset</b> (p. 242)	<b>babylonian-criterion</b> (p. 290) <b>bahai-sunset</b> (p. 274) <b>bruin-best-view</b> (p. 251) <b>daytime-temporal-hour</b> (p. 247) <b>moonlag</b> (p. 290) <b>nighttime-temporal-hour</b> (p. 248) <b>observational-hebrew-first-of-nisan</b> (p. 297) <b>saudi-criterion</b> (p. 296) <b>standard-from-sundial</b> (p. 248)
<b>tammuz</b> (p. 114)	<b>last-day-of-hebrew-month</b> (p. 122)
<b>tehran</b> (p. 259)	<b>midday-in-tehran</b> (p. 259)
<b>tevet</b> (p. 115)	<b>last-day-of-hebrew-month</b> (p. 122) <b>possible-hebrew-days</b> (p. 139) <b>yahrzeit</b> (p. 136)
<b>thursday</b> (p. 33)	<b>fixed-from-icelandic</b> (p. 101) <b>icelandic-summer</b> (p. 100) <b>iso-long-year?</b> (p. 97) <b>possible-hebrew-days</b> (p. 139) <b>yom-ha-zikkaron</b> (p. 131)
<b>tibetan-epoch</b> (p. 376)	<b>fixed-from-tibetan</b> (p. 378) <b>tibetan-from-fixed</b> (p. 378)
<b>tibetan-from-fixed</b> (p. 378)	<b>tibetan-leap-day?</b> (p. 381) <b>tibetan-leap-month?</b> (p. 380) <b>tibetan-new-year</b> (p. 381)
<b>tibetan-leap-month?</b> (p. 380)	<b>losar</b> (p. 381) <b>tibetan-leap-day?</b> (p. 381)
<b>tibetan-moon-equation</b> (p. 377)	<b>fixed-from-tibetan</b> (p. 378)
<b>tibetan-sun-equation</b> (p. 377)	<b>fixed-from-tibetan</b> (p. 378)
<b>time-from-moment</b> (p. 21)	<b>alt-birkath-ha-hama</b> (p. 132) <b>hindu-standard-from-sundial</b> (p. 355) <b>standard-from-sundial</b> (p. 248)
<b>tishri</b> (p. 115)	<b>alt-fixed-from-observational-hebrew</b> (p. 299) <b>alt-observational-hebrew-from-fixed</b> (p. 299) <b>fixed-from-hebrew</b> (p. 123) <b>fixed-from-molad</b> (p. 126) <b>fixed-from-observational-hebrew</b> (p. 298) <b>hebrew-from-fixed</b> (p. 123) <b>molad</b> (p. 120) <b>observational-hebrew-from-fixed</b> (p. 298)

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Function/constant	Used by
	<b>yom-kippur</b> (p. 128)
<b>topocentric-lunar-altitude</b> (p. 239)	<b>observed-lunar-altitude</b> (p. 243)
<b>tuesday</b> (p. 33)	<b>election-day</b> (p. 70) <b>possible-hebrew-days</b> (p. 139)
<b>ujjain</b> (p. 351)	<b>hindu-location</b> (p. 351) <b>hindu-sunrise</b> (p. 354) <b>hindu-sunset</b> (p. 355) <b>hindu-tithi-occur</b> (p. 368)
<b>universal-from-apparent</b> (p. 218)	<b>midday</b> (p. 218) <b>midnight</b> (p. 218)
<b>universal-from-dynamical</b> (p. 212)	<b>nth-new-moon</b> (p. 229)
<b>universal-from-local</b> (p. 208)	<b>apparent-from-local</b> (p. 217) <b>local-from-apparent</b> (p. 218) <b>sidereal-start</b> (p. 359) <b>sine-offset</b> (p. 241) <b>standard-from-local</b> (p. 208) <b>universal-from-apparent</b> (p. 218)
<b>universal-from-standard</b> (p. 208)	<b>babylonian-criterion</b> (p. 290) <b>bahai-sunset</b> (p. 274) <b>bruin-best-view</b> (p. 251) <b>chinese-solar-longitude-on-or-after</b> (p. 308) <b>current-major-solar-term</b> (p. 306) <b>current-minor-solar-term</b> (p. 308) <b>local-from-standard</b> (p. 208) <b>midnight-in-china</b> (p. 309) <b>moonrise</b> (p. 244) <b>moonset</b> (p. 245) <b>observational-hebrew-first-of-nisan</b> (p. 297) <b>saudi-criterion</b> (p. 296) <b>simple-best-view</b> (p. 250)
<b>unix-epoch</b> (p. 19)	<b>moment-from-unix</b> (p. 19) <b>unix-from-moment</b> (p. 19)
<b>unlucky-fridays-in-range</b> (p. 71)	<b>unlucky-fridays</b> (p. 71)
<b>visible-crescent</b> (p. 252)	<b>phasis-on-or-after</b> (p. 253) <b>phasis-on-or-before</b> (p. 252)
<b>wednesday</b> (p. 33)	<b>alt-birkath-ha-hama</b> (p. 132) <b>possible-hebrew-days</b> (p. 139) <b>sacred-wednesdays-in-range</b> (p. 371) <b>yom-ha-zikkaron</b> (p. 131)
<b>widow</b> (p. 325)	<b>chinese-year-marriage-augury</b> (p. 325)

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Function/constant	Used by
<b>winter</b> (p. 83)	<b>chinese-winter-solstice-on-or-before</b> (p. 309) <b>icelandic-from-fixed</b> (p. 101) <b>icelandic-month</b> (p. 102)
<b>yahrzeit</b> (p. 136)	<b>yahrzeit-in-gregorian</b> (p. 137)
<b>year-rome-founded</b> (p. 81)	<b>auc-year-from-julian</b> (p. 81) <b>julian-year-from-auc</b> (p. 81)
<b>zone-from-longitude</b> (p. 208)	<b>local-from-universal</b> (p. 208) <b>universal-from-local</b> (p. 208)



Hand-printed volvelles (chart dials) for the Japanese calendar by Hikotaro Kaneko, Ise, Japan, 1886. The wheels on the left calculate one's age; those on the right show lunar and solar months, tides, and so on. (Collection of E.M.R.)