

## Appendix B. Entry Names and Common Block Names

The following tabulation shows all entry names used in the MATH77 library. Software developers should avoid using these entry names.

AMACH	AMSUB1	AMTEST	CAXPY	CCOEF	CCOPY	CDOTC	CDOTU	CGAM	CGECO	CGED
CGEFA	CGEFS	CGEFSC	CGEI	CGESLD	CGESLT	COMPAR	CPOLZ	CSCAL	CSORT	CSORTP
CSORTQ	CSSCAL	CSWAP	CWOFZ	D1MACH	DA7SST	DACCUM	DACOSH	DACSCH	DACTNH	DASECH
DASINH	DASUM	DATANH	DATAOP	DAXPY	DBACC	DBESJ0	DBESJ1	DBESJN	DBESPQ	DBESY0
DBESY1	DBESYN	DBI0K0	DBI1K1	DBINOM	DBLSE	DBMP0	DBMP1	DBSOL	DC2BAS	DC2FIT
DC7VFN	DCALCA	DCALCB	DCALCJ	DCALCR	DCDCHI	DCDIV	DCDNML	DCDPOI	DCFT	DCHOL
DCI	DCII	DCIN	CKDER	DCOMQR	DCONCM	DCONMC	DCOPY	DCOS1	DCOSHM	DCOSPX
DCOV2	DCOV3	DCPDRV	DCPINT	DCPLTE	DCPLTK	DCPVAL	DCSEVL	DCSHMM	DCSPXX	DD7MLP
DD7TPR	DD7UPD	DDAS1	DDASCO	DDASDB	DDASF	DDASGH	DDASIN	DDASJ	DDASLS	DDASLV
DDASLX	DDASNM	DDASTP	DDASWT	DDOT	DE1	DEI	DELEFI	DELPII	DERF	DERF1
DERFC	DERFC1	DERFCE	DERFCI	DERFE1	DERFE2	DERFI	DERFIX	DERFSP	DERM1	DERV1
DEVBH	DEVUN	DEVVUN	DF7DHB	DF7HES	DFFT	DFMIN	DFREN1	DFRENC	DFRENF	DFRENG
DFRENS	DG7ITB	DG7LIT	DG7QSB	DG7QTS	DGAM1	DGAMI	DGAMIB	DGAMIE	DGAMIK	DGAMMA
DGBFA	DGBSL	DGECO	DGED	DGEFA	DGEFS	DGEFSC	DGEI	DGEMV	DGESL	DGESLD
DGESLT	DGR17	DGR29	DH2RFA	DH2RFG	DHERQL	DHFTI	DHINT	DHTCC	DHTGEN	DHYPC
DHYPER	DHYPH	DHYP5	DILUP	DILUPM	DILUPM	DIMQL	DINITS	DINT1	DINTA	DINTDL
DINTDU	DINTF	DINTM	DINTMA	DINTNS	DINTO	DINTOP	DINTSM	DITSUM	DIVA	DIVAA
DIVABU	DIVACO	DIVACR	DIVADB	DIVAF	DIVAG	DIVAHC	DIVAIN	DIVAO	DIVAOP	DIVAPR
DIVSET	DJACG	DL7ITV	DL7IVM	DL7MSB	DL7MST	DL7NVR	DL7SQR	DL7SRT	DL7SVN	DL7SVX
DL7TSQ	DL7TVM	DL7VML	DLASUM	DLESUM	DLGAMA	DLNREL	DMATP	DMATPR	DMESS	DMLC01
DMLC02	DMLC03	DMLC04	DMLC05	DMLC06	DMLC07	DMLC08	DMLC09	DMLC10	DMLC11	DMLC12
DMLC13	DMLC14	DMLC15	DMLC16	DMLC17	DMLC18	DMLC19	DMLC20	DMLC21	DMLCFG	DMPDRV
DMPINT	DMPVAL	DN2CVP	DN2LRD	DN2RDP	DNLAFB	DNLAFU	DNLAGB	DNLAGU	DNLSFB	DNLSFU
DNLSGB	DNLSGU	DNQAQ	DNQDOG	DNQFDJ	DNQFJ	DNQQFM	DNQQRF	DNQSL1	DNQSOL	DNQUPD
DNRM2	DO7PRD	DPARCK	DPASCL	DPFIT	DPLOT	DPLOT0	DPLOT1	DPLOT2	DPLOT4	DPLOT5
DPLOT6	DPLOT7	DPLOT8	DPLOT9	DPLOTA	DPLOTE	DPLOTF	DPLOTL	DPLOTN	DPLOTR	DPLOTS
DPLOTT	DPLOTU	DPOLZ	DPOLZ2	DPPNML	DPQUAD	DPRPL	DPRPL1	DPRPL2	DPRPL3	DPRPL4
DPRPL5	DPRTSV	DPSI	DPSIB	DPSIE	DPSIK	DPVAL	DQ7APL	DQ7RAD	DQ7RFH	DQ7RSH
DQRBDB	DR7MDC	DR7TVM	DRANE	DRANG	DRANGV	DRANR	DRANU	DRANUA	DRANUS	DRAT1
DRCOMP	DRCVL	DRDVAL	DREXP	DRFT	DRFT1	DRFVAL	DRJVAL	DRLDST	DRLOG	
DRLOG1	DRLOG2	DRN2G	DRN2GB	DRNSG	DRNSGB	DROT	DROTG	DROTM	DROTMG	DS7BQN
DS7CPR	DS7DMP	DS7IPR	DS7LUP	DS7LVM	DSBASD	DSBASI	DSCAL	DSDIF	DSDOT	DSFIND
DSFIT	DSFITC	DSI	DSIN1	DSINHM	DSINPX	DSNPXX	DSORT	DSORTP	DSORTQ	DSPGE
DSQUAD	DSTAT1	DSTAT2	DSTOP	DSVA	DSVAL	DSVALA	DSVDRS	DSWAP	DSYMQ	DTCST
DTGADJ	DTGANG	DTGC0	DTGC1	DTGEXT	DTGFI	DTGFND	DTGGET	DTGGRD	DTGLS	DTGMOR
DTGPD	DTGPRG	DTGPUT	DTGQS	DTGREC	DTGSET	DTGSIZ	DTGUPD	DTRC2C	DUACOS	DUACS
DUASIN	DUATAN	DUATN2	DUCOS	DUCOSH	DUDIF	DUDIF1	DUEXP	DUGETN	DULOG	DUPRO
DUPRO1	DUPWRI	DUQUO	DUQUO1	DUREV	DUSET	DUSETN	DUSIN	DUSINH	DUSQRT	DUSUM
DUSUM1	DUTAN	DUTANH	DV2AXY	DV2NRM	DV7CPY	DV7DFL	DV7IPR	DV7PRM	DV7SCL	DV7SCP
DV7SHF	DV7SWP	DV7VMP	DVECP	DVECPR	DWACOS	DWACSI	DWASIN	DWATAN	DWATN2	DWCHN
DWCOS	DWCOSH	DWDIF	DWDIF1	DWEXP	DWLOG	DWPRO	DWPRO1	DWPWRI	DWQUO	DWQUO1
DWRCHN	DWSET	DWSIN	DWSINH	DWSQRT	DWSUM	DWSUM1	DWTAN	DWTANH	DXPARG	DXRK8
DXRK8A	DXRK8F	DXRK8G	DXRK8I	DXRK8N	DXRK8O	DXRK8X	DZABS	DZERO	ERFIN	ERMOR
ERMSET	ERMSG	EXSORT	GSORTP	I1MACH	I7COPY	I7DO	I7PNVR	I7RTDT	I7SHFT	ICAMAX
ID7EGR	IDAMAX	IDRANP	IDSM	IDSTA1	IDSTA2	IERM1	IERV1	IMATP	IMATPR	INSORT
INSRTX	IS7ETR	ISAMAX	ISORT	ISORTP	ISORTQ	ISRANP	ISSTA1	ISSTA2	IVECP	IVECPR
LSAME	M7SEQ	M7SLO	MESS	MESSFD	MESSFI	MESSFT	MESSGS	MESSMH	MESSPR	N7MSRT
OPTCHK	PVEC	R1MACH	RAN0	RAN1	RANGET	RANMOD	RANPUT	RANSIZ	RN1	RN2
RNPUT	SA7SST	SACCUM	SACOSH	SACSCH	SACTNH	SASECH	SASINH	SASUM	SATANH	SAXPY
SBACC	SBESJ0	SBESJ1	SBESJN	SBESPQ	SBESY0	SBESY1	SBESYN	SBI0K0	SBI1K1	SBINOM
SBLSE	SBMP0	SBMP1	SBSOL	SC2BAS	SC2FIT	SC7VFN	SCALCA	SCALCB	SCALCJ	SCALCR
SCASUM	SCDCHI	SCDIV	SCDNML	SCDPOI	SCFT	SCHOL	SCI	SCII	SCIN	SCKDER
SCNRM2	SCOMQR	SCONCM	SCONMC	SCOPY	SCOS1	SCOSHM	SCOSPX	SCOV2	SCOV3	SCPDRV
SCPINT	SCPLTE	SCPLTK	SCPVAL	SCSEVL	SCSHMM	SCSPXX	SD7MLP	SD7TPR	SD7UPD	SDAS1

SDASCO	SDASDB	SDASF	SDASGH	SDASIN	SDASJ	SDASLS	SDASLV	SDASLX	SDASNM	SDASTP
SDASWT	SDOT	SDSDOT	SE1	SEI	SELEFI	SELP11	SERF	SERF1	SERFC	SERFC1
SERFCE	SERFCI	SERFE1	SERFE2	SERFI	SERFIX	SERFSP	SERM1	SERV1	SEVBH	SEVUN
SEVVUN	SF7DHB	SF7HES	SFFT	SFMIN	SFREN1	SFRENC	SFRENF	SFRENG	SFRENS	SG7ITB
SG7LIT	SG7QSB	SG7QTS	SGAM1	SGAMI	SGAMIB	SGAMIE	SGAMIK	SGAMMA	SGBFA	SGBSL
SGECO	SGED	SGEFA	SGEFS	SGEFSC	SGEI	SGEMV	SGESL	SGESLD	SGESLT	SGR17
SGR29	SH2RFA	SH2RFG	SHERQL	SHFTI	SHINT	SHTCC	SHTGEN	SHYPC	SHYPER	SHYPH
SHYPS	SILUP	SILUPM	SILUPM	SIMQL	SINIT5	SINT1	SINTA	SINTDL	SINTDU	SINTF
SINTM	SINTMA	SINTNS	SINTO	SINTOP	SINTSM	SITSUM	SIVA	SIVAA	SIVABU	SIVACO
SIVACR	SIVADB	SIVAF	SIVAG	SIVAHC	SIVAIN	SIVAO	SIVAOP	SIVAPR	SIVSET	SJACG
SL7ITV	SL7IVM	SL7MSB	SL7MST	SL7NVR	SL7SQR	SL7SRT	SL7SVN	SL7SVX	SL7TSQ	SL7TVM
SL7VML	SLASUM	SLESUM	SLGAMA	SLNREL	SMATP	SMATPR	SMESS	SMLC01	SMLC02	SMLC03
SMLC04	SMLC05	SMLC06	SMLC07	SMLC08	SMLC09	SMLC10	SMLC11	SMLC12	SMLC13	SMLC14
SMLC15	SMLC16	SMLC17	SMLC18	SMLC19	SMLC20	SMLC21	SMLCFG	SMPDRV	SMPINT	SMPVAL
SN2CVP	SN2LRD	SN2RDP	SNLAFB	SNLAFU	SNLAGB	SNLAGU	SNLSFB	SNLSFU	SNLSGB	SNLSGU
SNQAQ	SNQDOG	SNQFDJ	SNQFJ	SNQQFM	SNQQRF	SNQSL1	SNQSOL	SNQUPD	SNRM2	SO7PRD
SPARCK	SPASCL	SPFIT	SPLIT	SPLIT0	SPLIT1	SPLIT2	SPLIT4	SPLIT5	SPLIT6	SPLIT7
SPLIT8	SPLIT9	SPL0TA	SPL0TE	SPL0TF	SPL0TL	SPL0TN	SPL0TR	SPL0TS	SPL0TT	SPL0TU
SPOLZ	SPOLZ2	SPPNML	SPQUAD	SPRPL	SPRPL1	SPRPL2	SPRPL3	SPRPL4	SPRPL5	SPRTSV
SPSI	SPSIB	SPSIE	SPSIK	SPVAL	SQ7APL	SQ7RAD	SQ7RFH	SQ7RSH	SQRBD	SR7MDC
SR7TVM	SRANE	SRANG	SRANGV	SRANR	SRANU	SRANUA	SRANUS	SRAT1	SRCOMP	SRCVAL
SRDVAL	SREXP	SRFT	SRFT1	SRFVAL	SRFVLX	SRJVAL	SRLDST	SRLOG	SRLOG1	SRLOG2
SRN2G	SRN2GB	SRNSG	SRNSGB	SROT	SROTG	SROTM	SROTMG	SS7BQN	SS7CPR	SS7DMP
SS7IPR	SS7LUP	SS7LVM	SSBASD	SSBASI	SSCAL	SSDIF	SSFIND	SSFIT	SSFITC	SSI
SSIN1	SSINHM	SSINPX	SSNPXX	SSORT	SSORTP	SSORTQ	SSPGE	SSQUAD	SSTAT1	SSTAT2
SSTOP	SSVA	SSVAL	SSVALA	SSVDRS	SSWAP	SSYMQ1	STCST	STGADJ	STGANG	STGC0
STGC1	STGEXT	STGFI	STGFND	STGGET	STGGRD	STGLS	STGMOR	STGPD	STGPRG	STGPUT
STGQS	STGREC	STGSET	STGSIZ	STGUPD	STRC2C	SUACOS	SUACS	SUASIN	SUATAN	SUATN2
SUCOS	SUCOSH	SUDIF	SUDIF1	SUEXP	SUGETN	SULOG	SUPRO	SUPRO1	SUPWRI	SUQUO
SUQUO1	SUREV	SUSET	SUSETN	SUSIN	SUSINH	SUSQRT	SUSUM	SUSUM1	SUTAN	SUTANH
SV2AXY	SV2NRM	SV7CPY	SV7DFL	SV7IPR	SV7PRM	SV7SCL	SV7SCP	SV7SHF	SV7SWP	SV7VMP
SVECP	SVECPR	SWACOS	SWACSI	SWASIN	SWATAN	SWATN2	SWCHN	SWCOS	SWCOSH	SWDIF
SWDIF1	SWEXP	SWLOG	SWPRO	SWPRO1	SWPWRI	SWQUO	SWQUO1	SWRCHN	SWSET	SWSIN
SWSINH	SWSQRT	SWSUM	SWSUM1	SWTAN	SWTANH	SXPARG	SXRK8	SXRK8A	SXRK8F	SXRK8G
SXRK8I	SXRK8N	SXRK8O	SXRK8X	SZERO	THISSH	UMESS	XERBLA	ZCOEF	ZDIF	ZGAM
ZPOLZ	ZPRO	ZQUO	ZSQRTX	ZSUM	ZWOFZ					

The following tabulation lists all common block names used in the MATH77 library, and the files in which they appear. Software developers should avoid using these common block names.

Common	Files in which common block appears										
/ CDFFTC /	dcft	dfft	drft	drft1	dtcst						
/ CDILUP /	dilup	dilupm									
/ CMESSC /	dmess	mess	smess								
/ CMESSI /	dmess	mess	smess								
/ CSFFTC /	scft	sfft	srft	srft1	stcst						
/ CSILUP /	silup	silupm									
/ DGAMIC /	dgami										
/ DINTC /	dint1	dinta	dintdl	dintdu	dintm	dintma	dintns	dinto	dintop	dintsm	
/ DINTEC /	dint1	dinta	dintdl	dintdu	dintm	dintma	dintns	dinto	dintop	dintsm	
/ DINTNC /	dint1	dinta	dintdl	dintdu	dintm	dintma	dintns	dinto	dintop	dintsm	
/ DIVAEV /	diva	divadb	divag								
/ DIVAMC /	diva	divadb	divag								
/ DIVASC /	diva	divadb	divag								
/ DPLOTB /	dplot										
/ DPLOTC /	dplot										
/ DPLOTD /	dplot										
/ DPSIC /	dpsi										
/ DTGCM1 /	dtgpd										
/ DWCOM /	dwcomp										
/ M77ERR /	derv1	erfin	ermor	ermmsg	ierv1	serv1					
/ RANCD1 /	drane	drang	dranr	dranu	idranp	ranpk1					
/ RANCD2 /	drane	drang	dranr	dranu	idranp						
/ RANCOM /	ranpk2										
/ RANCS1 /	isranp	ranpk1	srane	srang	sranc	sranc					
/ RANCS2 /	isranp	srane	srang	sranc	sranc						
/ SGAMIC /	sgami										
/ SINTC /	sint1	sinta	sintdl	sintdu	sintm	sintma	sintns	sinto	sintop	sintsm	
/ SINTEC /	sint1	sinta	sintdl	sintdu	sintm	sintma	sintns	sinto	sintop	sintsm	
/ SINTNC /	sint1	sinta	sintdl	sintdu	sintm	sintma	sintns	sinto	sintop	sintsm	
/ SIVAEV /	siva	sivadb	sivag								
/ SIVAMC /	siva	sivadb	sivag								
/ SIVASC /	siva	sivadb	sivag								
/ SPLOTB /	splot										
/ SPLOTC /	splot										
/ SPLOTD /	splot										
/ SPSIC /	spsi										
/ STGCM1 /	stgpd										
/ SWCOM /	swcomp										
/ UCOM1 /	ducomp	durev	sucomp	surev							
/ UCOM2 /	ducomp	sucomp									