

Minimum Word Set Comparison												
Type		Forth 2012 reference	Ting	Brinkhoff	Plichota	B16	B16 Small	GA-F18	Proposed			
Memory Access	C@	6.1.0870	1	1	1	0	1	0	1			
	C@+		0	0	0	0	1	0	0			
	C@.		0	0	0	0	1	0	0			
	C!	6.1.0850	1	1	1	0	0	0	1			
	C!+		0	0	0	0	1	0	0			
	C!.		0	0	0	0	1	0	0			
	@	6.1.0650	1	1	1	0	1	1	1			
	@.		0	0	0	0	1	0	0			
	a		0	0	0	1	0	1	0			
	@a		0	0	0	0	0	1	0			
	A@		0	0	0	1	0	0	0			
	A@+		0	0	0	1	0	0	0			
	@p		0	0	0	0	0	1	0			
	@b		0	0	0	0	0	1	0			
	@+		0	0	0	0	1	1	0			
	!p		0	0	0	0	0	1	0			
	!+		0	0	0	0	1	1	0			
	!.		0	0	0	0	1	0	0			
	!b		0	0	0	0	0	1	0			
	a!		0	0	0	1	0	1	0			
	A!+		0	0	0	1	0	0	0			
	b!		0	0	0	0	0	1	0			
	AC!		0	0	0	1	0	0	0			
	AC@+		0	0	0	1	0	0	0			
	AC!+		0	0	0	1	0	0	0			
	AC@+		0	0	0	1	0	0	0			
	>A		0	0	0	1	0	0	0			
	+C		0	0	0	0	1	0	0			
	C2/		0	0	0	0	1	0	0			
	!	6.1.0010	1	1	1	0	0	1	1			
Math	+	6.1.0120	1	1	1	1	1	1	1			
	-	6.1.0160	1	0	0	0	0	1	1			
	+*		0	0	0	0	0	1	0			
	2*	6.1.0320	0	0	0	0	0	1	0			
	*	6.1.0090	1	0	1	0	0	0	0			
	*+		0	0	0	1	0	0	0			
	/	6.1.0230	1	0	0	0	0	0	0			
	2/	6.1.0330	0	0	0	0	1	1	1			
	MOD	6.1.1890	1	0	0	0	0	0	0			
	+C		0	0	0	1	0	0	0			
	/-		0	0	0	1	0	0	0			
	UM*	6.1.2360	0	0	0	0	0	0	1			
Logic	NAND		0	1	1	0	0	0	0			
	AND	6.1.0720	1	0	0	1	1	1	1			
	OR	6.1.1980	1	0	0	1	1	1	1			
	XOR	6.1.2490	1	0	1	1	1	0	1			
	INVERT	6.1.1720	1	0	0	0	0	0	0			
	DUP	6.1.1290	1	0	1	1	1	1	1			
	SWAP	6.1.2260	1	0	1	0	0	0	1			
	OVER	6.1.1990	1	0	0	1	1	1	1			

Stack	DROP	6.1.1260	1	0	1	1	1	1	1		
	>R	6.1.0580	1	0	1	1	1	1	1		
	R>	6.1.2060	1	0	1	1	1	1	1		
	R@	6.1.2070	1	0	0	1	0	0	1		
	R@+		0	0	0	1	0	0	0		
	RC@		0	0	0	1	0	0	0		
	RC@+		0	0	0	1	0	0	0		
	NIP	6.2.1930	0	0	0	1	1	0	0		
Flow Control	IF	6.1.1700	1	1	1	0	0	1	0		
	OBRANCH		0	1	0	0	0	0	1		
	-IF		0	0	0	0	0	1	0		
	ELSE	6.1.01310	1	0	0	0	0	0	0		
	THEN	6.1.2270	1	0	0	0	0	0	0		
	BEGIN	6.1.0760	1	0	0	0	0	0	1		
	WHILE	6.1.2430	1	0	0	0	0	0	0		
	REPEAT	6.1.2120	1	0	0	0	0	0	0		
	AGAIN	6.2.0700	1	0	0	0	0	0	1		
	DO	6.1.1240	1	0	1	0	0	0	0		
	LOOP	6.1.1800	1	0	0	0	0	0	0		
	EXECUTE	6.1.1370	1	0	0	1	1	1	1		
	<name> ;		0	0	0	0	0	1	0		
	<name>		0	0	0	0	0	1	0		
	unext		0	0	0	0	0	1	0		
	next		0	0	0	0	0	1	0		
	EXIT	6.1.1380	1	1	0	0	0	0	1		
	RET		0	0	0	1	1	0	0		
	JZ		0	0	0	1	1	0	0		
	JNZ		0	0	0	1	1	0	0		
	JC		0	0	0	1	1	0	0		
	JNC		0	0	0	1	1	0	0		
	GZ		0	0	0	1	1	0	0		
	GNZ		0	0	0	1	1	0	0		
	GC		0	0	0	1	1	0	0		
	GNC		0	0	0	1	1	0	0		
	GOTO		0	0	0	1	1	0	0		
Defining	:	6.1.0450	1	0	1	0	0	0	1		
	;	6.1.0450	1	0	1	0	0	1	1		
	CONSTANT	6.1.0950	1	0	0	0	0	0	1		
	VARIABLE	6.1.2410	1	0	0	0	0	0	1		
I/O	IN		1	1	0	0	0	1	0		
	OUT		1	1	0	0	0	0	0		
	KEY	6.1.0750	0	0	0	0	0	0	1		
	KEY?	10.6.1.1755	0	0	0	0	0	0	1		
	EMIT	6.1.1320	0	0	0	0	0	0	1		
	DODOES		0	1	0	0	0	0	1		
	LIT		0	0	1	1	1	0	0		
	LITC		0	0	0	1	1	0	0		
	data		0	0	0	0	0	1	0		
	---u		0	0	0	0	0	1	0		
	--l-		0	0	0	0	0	1	0		
	--lu		0	0	0	0	0	1	0		
	-d--		0	0	0	0	0	1	0		
	-d-u		0	0	0	0	0	1	0		
	-dl-		0	0	0	0	0	1	0		
	-dlu		0	0	0	0	0	1	0		

other	r---		0	0	0	0	0	1	0		
	r-l-		0	0	0	0	0	1	0		
	r-lu		0	0	0	0	0	1	0		
	rd--		0	0	0	0	0	1	0		
	rdl-		0	0	0	0	0	1	0		
	rdlu		0	0	0	0	0	1	0		
	CREATE	6.1.1000	0	0	0	0	0	0	1		
	DOES>	6.1.1250	0	0	0	0	0	0	1		
	,	6.1.0150	0	0	0	0	0	0	1		
	C,	6.1.0860	0	0	0	0	0	0	1		
	.S	15.6.1.0220	0	0	0	0	0	0	1		
	PAUSE		0	0	0	0	0	0	1		
	CALL		0	0	0	1	1	0	0		
	JMP		0	0	0	1	1	0	0		
	RET		0	0	0	1	1	0	0		
	NOP		0	0	0	1	1	0	0		
	COM		0	0	0	0	1	0	0		
Total Base Words			37	12	18	40	36	47	37		